

20020323.qrp v02_n503.qrl.20020323

Date: Sat, 23 Mar 2002 19:03:04 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2503

QRP-L Digest 2503

Topics covered in this issue include:

- 1) [122961] Computer Scanner does good job ..as good as a photo!
by ve3ab@mail.mondenet.com
- 2) [122962] OT - isolating phantom power
by emtech@steadynet.com
- 3) [122963] Re: Miracle Whip Antenna
by "Marty N5NW" <n5nw@n5nw.org>
- 4) [122964] 17 meter Mods for the NorCal 38 Special
by "Lee Mairs" <lmairs@cox.rr.com>
- 5) [122965] Re: OT - isolating phantom power
by "Mike Yetsko" <myetsko@insydesw.com>
- 6) [122966] Bedside Rig
by "Conant, Paul" <paul.conant@lmco.com>
- 7) [122967] 38 special manual
by "Tracy Markham" <tracy@bytemark.com>
- 8) [122968] RE: Problems after Sierra mods
by Roy <marion@montana.com>
- 9) [122969] KITS: new kit: => Island Keyer II <=
by jacksonharbor@att.net
- 10) [122970] Propagation Test Beacon active on 7.090
by "Trevor Jacobs" <fxtech@earthlink.net>
- 11) [122971] Re: Propagation Test Beacon active on 7.090
by Arthur Moe <kb7ww@easystreet.com>
- 12) [122972] Re: Propagation Test Beacon active on 7.090
by "Trevor Jacobs" <fxtech@earthlink.net>
- 13) [122973] Re: International Crystal Manufacturing (ICM)
by "Gordon Cougar" <gcouger@couger.com>
- 14) [122974] OT: Memory chip ID
by David Porter <aa3ur@comcast.net>
- 15) [122975] Re: Propagation Test Beacon active on 7.090
by W0rw@aol.com
- 16) [122976] Re: Crystals
by wb4mnf <wb4mnf@atl.org>
- 17) [122977] Re: Propagation Test Beacon active on 7.090
by David Gauding <david.gauding@bbs.galilei.com>
- 18) [122978] Re: Registering for FDIM is easy
by "Dave Fifield" <dave@redhotradio.com>
- 19) [122979] RE: Propagation Test Beacon active on 7.090

- by Conrad Weiss <radman@best.com>
- 20) [122980] RE: Propagation Test Beacon active on 7.090
by "Matt Lee, WB6BWZ" <Matt@Tenn-Valley.com>
- 21) [122981] FW: Propagation Test Beacon active on 7.090
by "Matt Lee, WB6BWZ" <Matt@Tenn-Valley.com>
- 22) [122982] Beacon Activity
by John R Kirby <n3aaz-qrp@juno.com>
- 23) [122983] Re: morse keys
by wb4mnf <wb4mnf@atl.org>
- 24) [122984] Results - Propagation Test on 7.090 MHz
by "Trevor Jacobs" <fxtech@earthlink.net>
- 25) [122985] Weller WTCPT on SALE!
by Conrad Weiss <radman@best.com>
- 26) [122986] History - Dentron QRP MLX Mini
by K5BDZ@aol.com
- 27) [122987] Re: Results - Propagation Test on 7.090 MHz
by John Harper AE5X <ae5x@qsl.net>
- 28) [122988] Re: Registering for FDIM is easy
by "Tom Dooley" <tdooley@attbi.com>
- 29) [122989] Dayton rooms ????
by "Al Dawkins" <alk0frp@attbi.com>
- 30) [122990] OT:need ID info
by <bowerm@ix.netcom.com>
- 31) [122991] Re: [GQRP] History - Dentron QRP MLX Mini
by aluscre <aluscre@neo.rr.com>
- 32) [122992] Of tube transmitters and keys
by "jerry brown" <jmbrown@edge.net>
- 33) [122993] Re: Airport Security and HTs Etc.
by "Kevin Asato" <kevin.k.asato@worldnet.att.net>
- 34) [122994] Re:OT:need ID info
by "Bill, N4QA" <n4qa@hotmail.com>
- 35) [122995] [OT] QRP Book Illustrations
by Chuck Adams <k7qo@earthlink.net>
- 36) [122996] Re: OT - isolating phantom power
by "M.J.Powell" <mike@pickmere.demon.co.uk>
- 37) [122997] Re: OT:need ID info
by "Rod N0RC" <rod@n0rc.com>
- 38) [122998] Re: Miracle Whip
by "Marty N5NW" <n5nw@n5nw.org>
- 39) [122999] RE: THHN Wire?
by Nick Kennedy <nkennedy@tcainternet.com>
- 40) [123000] Re: Mobile antenna bonanza - Identification
by "James R. Duffey" <jamesd1@flash.net>
- 41) [123001] DON'T READ THIS MSG
by "Rod N0RC" <rod@n0rc.com>
- 42) [123002] 20m mini dipole
by "Guido Tedeschi, ik2bcp" <ik2bcp@hamlan.org>
- 43) [123003] Heath Sixer fs/ft, and Want List

by "K5XU, Mike Duke" <k5xu@netdoor.com>
44) [123004] Re: Crystals
by wa0goz@arrl.net
45) [123005] Delta Quad
by ARDUJENSKI@aol.com
46) [123006] Re: [GQRP] History - Dentron QRP MLX Mini
by George Gingell <k3tks@u1.abs.net>
47) [123007] Re: Delta Quad
by K5BDZ@aol.com
48) [123008] Re: [GQRP] History - Dentron QRP MLX Mini
by K5BDZ@aol.com
49) [123009] Re: OT:need ID info
by "Todd Gahagan" <tgahagan@imt.net>
50) [123010] tube rigs
by joe living <jliving2001@yahoo.com>
51) [123011] HF Pack Shootout Observations (was Miracle Whip)
by Ed Manuel <emanuel@datacomdesign.com>
52) [123012] Re: History - Dentron QRP MLX Mini/73 Ad.
by MIKE SOUHRADA <wb9iog@revealed.net>
53) [123013] Re: tube rigs
by Mighty Mik <mightymik2@attbi.com>
54) [123014] RE: Meguro 35 Mhz Oscilloscope
by "Jim Thiessen" <jthiessen@videotron.ca>
55) [123015] Re: tube rigs
by "Dale Mason" <dmason@softconnect.net>
56) [123016] Re: tube rigs
by euramcom pages <mel@euramcom.freemove.co.uk>
57) [123017] Airport Security = BS
by "AI2Q Alex" <ai2q@adelphia.net>
58) [123018] Hold these two wires. . . .
by euramcom pages <mel@euramcom.freemove.co.uk>
59) [123019] Military tube transmitter T-784A
by "jerry brown" <jmbrown@edge.net>
60) [123020] Safety First
by "W2WU" <w2wurjj@verizon.net>
61) [123021] RE: Hold these two wires. . . .
by "Kory Hamzeh" <kory@avatar.com>
62) [123022] Re: Airport Security = BS
by "pschweit" <pschweit@mninter.net>
63) [123023] Airport security.
by lhlousek <lhlousek@nvcbell.net>
64) [123024] Re: Safety First
by "Ham" <KD5NWA@mbayona.com>
65) [123025] Re: Miracle Whip (an indoor antenna that worked well for me)
by "Gordon Cougar" <gcouger@provalue.net>
66) [123026] Re: Delta Quad
by Parker Buckley <buckley@iapdatacom.net>
67) [123027] Last night's QRSS session summary

by Paul Stroud <aa4xx@ipass.net>
68) [123028] Re: OT - isolating phantom power
by "Mike Yetsko" <myetsko@insydesw.com>
69) [123029] Re: tube rigs
by "Mike Branca" <w3irz@att.net>
70) [123030] Re: tube rigs
by "carl seyersdahl" <carlseye@tampabay.rr.com>
71) [123031] Re: Safety First
by "Mike Branca" <w3irz@att.net>
72) [123032] Re Safety first and hold the wires :OT
by Pete Burbank <plburbank@kih.net>

Date: Fri, 22 Mar 2002 18:59:24 +0000
From: ve3ab@mail.mondenet.com
To: qrp-l@Lehigh.edu
Subject: [122961] Computer Scanner does good job ..as good as a photo!
Message-ID: <200203230007.g2N07jA09604@genesis.dmz.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I tried something today. Took this circuit card Im building (my MOSFET AMP PROJECT) and I taped up any sharp edges with scotch tape (so as not to scratch the glass of the flat bed scanner). And I made a TIF file of the Scan..and it came out very good. Since I dont have a digital camera..this gives me the means to "scan in" some of my projects and add them to the QRP section of the web page im making! This is new to me..maybe its old hat to everyone else i dont know!!
Ive resumed my MOSFET Amp project again. It is coming along slow but sure. It is a variation(slight variation) of the design in the 2001 handbook (1999 qst article). Im building it on a Radio Shack protoboard..with point to point wiring. The heatsinks for the T0-220 transistors are my own design..i made them out of copper foil. I'm writing up the project ..and im including a section on how to non-destructively modify the ten tec 405 amp with this module. It is a no holes drilled ..easily reversible mod. Ive decided to modify the 405 because the transistors are too much for a tight wad like me!-- Im going to try and buy some cheaper at a flea market this year if i can!--73 Earl VE3AB

Date: Fri, 22 Mar 2002 16:26:40 -0800
From: emtech@steadynet.com
To: qrp-l@lehigh.edu

Subject: [122962] OT - isolating phantom power
Message-ID: <3C9B5B40.2611.5E2CCE4@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi, this is off-topic but I need help and you folks know everything.

My camcorder has phantom power at the mic jack. I want to make an adapter to feed it audio from a mixer. I am thinking that I can just put a capacitor on the + side of each of the stereo channels and feed that to the camera.

Does anybody have some experience doing this? What value caps should I use. I am also thinking I should put a resistor in series also to limit the circuit a bit.

~Scott

Date: Fri, 22 Mar 2002 19:30:08 -0500
From: "Marty N5NW" <n5nw@n5nw.org>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [122963] Re: Miracle Whip Antenna
Message-ID: <HJELK0JDNFAJGICJMIFGGEPPDDAA.n5nw@n5nw.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm sorry if this little note is too late, but having owned the "Miracle Whip" for a while, I really like it. It's not a dipole, it's not a vertical, it's not even a random wire. Nor does it perform like one. It performs like a 42" base loaded whip (which is what it is).

That being said, I've made some fun contacts on it, during this year's NAQPs (both CW and SSB). SSB was tough. CW was a bit easier. I could get responses from 57 stations on CW, but the station had better be 10-20 dB over S9 for SSB to have much of a chance (I was using an FT-817). I figured the high bands would be better, but to my surprise, my best band in the CW contest was 40m and 20m on the SSB contest. I worked CA, KS, NH, OK, and TX on SSB (mainly 20m) within one hour. On 40m CW I worked MA, CO, GA, IA, and MO. I did run a 20 ft. or so random counterpoise along the baseboard of the room (our dining room). It was cool to work stations from the dining room table, antenna and all!

Nothing to write home about, I'm sure. But I got nothing from the dummy

load.

For an antenna that carries a very, very low profile when collapsed, requires no end supports, and receives very admirably, it's a nice choice. Serious QSO chasers with the ability to put some wire/metal in the air will be disappointed if expecting similar performance. But, probably as effective as the B&W apartment antenna I used to use, and a heck of a lot easier to tune up. Pretty sharp tuning, which indicates fairly high Q on the inductor. No feedline losses (no feedline!).

If you have to stick a whip on the back of the rig to radiate a signal, it compares favorably with the other back of the rig whips I've tried. But it will NOT compare to a dipole, or even a random wire fed with a tuner.

Hope this is helpful!

de N5NW/8 Marty
Dayton, Ohio

Date: Fri, 22 Mar 2002 19:48:29 -0500
From: "Lee Mairs" <lairs@cox.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [122964] 17 meter Mods for the NorCal 38 Special
Message-ID: <00f301c1d204\$73239b20\$6401a8c0@cox.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

QRPp published some of Jim Kortegge's modifications to the 38 Special to put it on 17 meters. I am interested in looking at these as I've somehow ended up with two .38 Specials. Lacking the ability to wear a two-gun shoulder holster, I'd like to mod one of these radios.

Can anybody provide me with a copy of the relevant article?

73 de Lee, km4yy

Without question, the greatest invention in the history of mankind is beer. Oh, I grant you that the wheel was also a fine invention, but the wheel does not go nearly as well with pizza.

--Dave Barry

----- Original Message -----

From: "Tracy Markham" <tracy@bytemark.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, March 18, 2002 11:20 AM
Subject: RE: Torroidal Cores, Need help identifying

> You're right on track with ID'ing your cores.
>
> See if any of the info on my site will help - I have a lot of tech info on
> the powdered iron and ferrite cores at
> <http://www.bytemark.com/products/content0.htm>
>
> Generally speaking, powdered iron cores have a colored coating, and
ferrites
> do not. Beware, tho, that all manufacturers do not have the same color
> coding, and custom manufactured cores can be coated any color. Figuring
out
> your permeability or the cores a(sub)l can get you far as few of the cores
> have the same a(sub)l.
>
> Good luck, let me know if this helps.
> Tracy Markham, N4LGH
> CWS ByteMark
> www.bytemark.com
> www.coilws.com
> tracy@coilws.com
> tracy@bytemark.com
> 800 679-3184
>
> I have me some torroidal cores and need some help identifying them. I
> figure I can get most of the information I need by winding about 10 turns
on
> the core, placing a capacitor in series, put a sig gen on the input, my
> scope on the output and tuning the sig gen for a max indication on the
> scope. From that I can calculate what the core permeability is. This part
is
> as far a I can see not a problem. The problem area is that I want also to
> determine whether the core is powdered iron or ferrite.
>
>

Date: Fri, 22 Mar 2002 19:48:56 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <emtech@steadynet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [122965] Re: OT - isolating phantom power
Message-ID: <001101c1d204\$88529460\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just pick your cap so that the impedance of the cap at the highest frequency is a small percentage of the impedance of circuit.

Ok, what's a 'small percentage'? You could argue with 'golden ears' all day long.

I'd just stick a small .1uf cap right in the jack or plug and see how it sounds. You probably will find it's just fine.

Mike

----- Original Message -----

From: <emtech@steadynet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, March 22, 2002 7:26 PM
Subject: OT - isolating phantom power

> Hi, this is off-topic but I need help and you folks know everything.
>
> My camcorder has phantom power at the mic jack. I want to make
> an adapter to feed it audio from a mixer. I am thinking that I can
> just put a capacitor on the + side of each of the stereo channels
> and feed that to the camera.
>
> Does anybody have some experience doing this? What value caps
> should I use. I am also thinking I should put a resistor in series
> also to limit the circuit a bit.
>
> ~Scott
>

Date: Fri, 22 Mar 2002 17:50:56 -0700
From: "Conant, Paul" <paul.conant@lmco.com>
To: "'qrp-1@Lehigh.edu'" <qrp-1@Lehigh.edu>,
"kb9zw@arrl.net" <kb9zw@arrl.net>
Subject: [122966] Bedside Rig

Message-ID: <675067CF647BD4118DEA00508BE32AB407965E0D@emss02m09.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Gary,

I concur with the suggestions that you pass your wakeful moments after midnight on 30-meters. I have been on 30-meters exclusively for the past 19 months, and have been using an MFJ-9030 since May of last year. I bought mine new, but they show up on eBay occasionally. You might pick up one there with the optional filter and keyer for quite a bit less than base model costs new. Mine does not drift. Some of the older ones did. Also, it does not reject shortwave interference very well, but that is not much of a problem after midnight. Of course, there a plenty of kit rigs that perform better if you want to build. My schedule does not allow for much building, and if yours doesn't either, an MFJ-9030 will do a good job for you. 72.

Paul, WQ5X

Date: Fri, 22 Mar 2002 17:03:21 -0500
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [122967] 38 special manual
Message-ID: <NFBBKLDHALEHCJMAJPKFCENCCNAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Some time ago I traded off a 38 special on the list. At the time I couldn't find the manual. Well, unpacking from the move guess what I found ...

First dibbs to the fella that got my 38 special. I'll give it through the weekend. After that, free to a good home

Tracy N4LGH

Date: Fri, 22 Mar 2002 18:16:08 -0700
From: Roy <marion@montana.com>

To: nkennedy@tcainternet.com,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [122968] RE: Problems after Sierra mods
Message-ID: <4.3.1.2.20020322181219.00a8cc30@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:28 AM 3/22/02 -0600, Nick Kennedy wrote:

>Sounds like Roy has taken on yet ANOTHER kit he's unable to build. And
>misplaced his medication to boot.
>
>
> Well, since you don't know me, I will let that one go. Roy AB7CE, NIST
> Lab technician, Radio frequency and modulation specialist.

Date: Sat, 23 Mar 2002 02:00:36 +0000
From: jacksonharbor@att.net
To: qrp-1@lehigh.edu
Subject: [122969] KITS: new kit: => Island Keyer II <=
Message-ID:
<20020323020037.XCA024238.mtiwmhc21.worldnet.att.net@webmail.worldnet.att.net>

Fellows and Gals -

Another keyer ?? Yes, but here are a few features you
may not have seen in a keyer kit of this price
(starts at \$30):

- lots of memories (54), all non volatile EEPROM
- pot (or paddle) set of speed, weight and sidetone
- programmable simulpresses (two button commands)
- straight key recording and command -
keyer beginner ? this is for you
also makes computer loading of memories easy
OR download from another keyer
- Ultimatic keying mode, it's not iambic A or B, but it
does use a dual levered paddle - may be of
interest to beginning keyer users
- timed straight key recording mode - puts some

personality into messages

- stuck paddle timeout - keyer goes to sleep after 128 straight dits/dahs

The Island Keyer II also has most of the standard keyer functions - for complete list of features, see:

<<http://jacksonharbor.home.att.net/ik2feat.htm>>

or view the manual on the web site (in Acrobat format):

<<http://jacksonharbor.home.att.net/ikeyr2na.pdf>>

The Island Keyer II is also available from Morse Express.

Thanks and
Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press
jacksonharbor@att.net
<<http://jacksonharbor.home.att.net/>>

Date: Fri, 22 Mar 2002 18:30:07 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [122970] Propagation Test Beacon active on 7.090
Message-ID: <002d01c1d212\$a694d2e0\$ca9bb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I programmed the Tick 4 tonight on the SW-40+/DDS rig and have it running on 7.090 (thought that would be a fairly unobtrusive spot). I'm going to let it run while I'm here in the shack and can make sure I'm not causing any interference to QSO's. I'd appreciate any signal reports...Thanks...

72/73's
Trev

KG6CYN

Date: Sat, 23 Mar 2002 02:57:00 +0000
From: Arthur Moe <kb7ww@easystreet.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [122971] Re: Propagation Test Beacon active on 7.090
Message-ID: <3C9BEEFC.8811D892@easystreet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

559 in Oregon City Oregon (just south of Portland)

Trevor Jacobs wrote:

>
> Hi Gang,
>
> I programmed the Tick 4 tonight on the SW-40+/DDS rig and have it
> running on 7.090 (thought that would be a fairly unobtrusive spot). I'm
> going to let it run while I'm here in the shack and can make sure I'm
> not causing any interference to QSO's. I'd appreciate any signal
> reports...Thanks...
>
> 72/73's
> Trev
> KG6CYN

Date: Fri, 22 Mar 2002 19:42:14 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <fxtech@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [122972] Re: Propagation Test Beacon active on 7.090
Message-ID: <008d01c1d21c\$b9341500\$ca9bb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Thanks for the reports so far. Keep them coming in and I'll publish the

results at the end of the night.

72/73's

Trev

KG6CYN

----- Original Message -----

From: Trevor Jacobs <fxtech@earthlink.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Friday, March 22, 2002 6:30 PM

Subject: Propagation Test Beacon active on 7.090

> Hi Gang,

>

> I programmed the Tick 4 tonight on the SW-40+/DDS rig and have it
> running on 7.090 (thought that would be a fairly unobtrusive spot).

I'm

> going to let it run while I'm here in the shack and can make sure I'm

> not causing any interference to QSO's. I'd appreciate any signal

> reports...Thanks...

>

> 72/73's

> Trev

> KG6CYN

>

>

Date: Fri, 22 Mar 2002 19:19:11 -0600

From: "Gordon Couger" <gcouger@couger.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<KKANALZ@prodigy.net>

Subject: [122973] Re: International Crystal Manufacturing (ICM)

Message-ID: <017801c1d21f\$00879830\$27daf0d0@home>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Sent: Friday, March 22, 2002 3:41 AM

Subject: Re: International Crystal Manufacturing (ICM)

: An obviously old-timer (like myself), Gordon Couger

: wrote:

:
<snip>:
: Amen! International Crystal has always been my choice
: for precision, delivery and performance regardless of
: price!
:
: Does anyone remember when(Gordon probably does!)ICM
: made various "modules" for ham use? Oscillators,
: buffers and even receiver-type modules to "build"
: stuff?
:
I think I may have one of the oscillators.

Gordon W5RED

Date: Fri, 22 Mar 2002 23:02:32 -0500
From: David Porter <aa3ur@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [122974] OT: Memory chip ID
Message-ID: <001401c1d21f\$8f6eb1a0\$927ba8c0@jamison1.pa.home.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I'm looking for eight 1Mbit x 4 80 ns Dram 20 pin DIP chips. They are for an Epson Action Laser 1500 printer. I don't have a clue what the chip numbers should be. Anybody else have a clue?

David Porter AA3UR
aa3ur@comcast.net

Date: Fri, 22 Mar 2002 23:04:56 EST
From: W0rw@aol.com
To: fxtech@earthlink.net, qrp-1@lehigh.edu
Subject: [122975] Re: Propagation Test Beacon active on 7.090
Message-ID: <15f.ad7261a.29cd58e8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Trev...
569 for your 1W here in Colorado Springs CO.

Please listen for my Beacon on 490 kHz.
paul w0rw

Date: Fri, 22 Mar 2002 23:24:59 -0500
From: wb4mnf <wb4mnf@atl.org>
To: w3irz@att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [122976] Re: Crystals
Message-ID: <3C9C039B.1020205@atl.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

One can also parallel a dozen of them...

Mike Branca wrote:

> You know guys I find it hard to believe that folks are worried about
> damaging HC-49 crystals when the 3579 khz ones sell for as low as 25 cents

Date: Fri, 22 Mar 2002 23:16:02 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-1@lehigh.edu
Cc: fxtech@earthlink.net
Subject: [122977] Re: Propagation Test Beacon active on 7.090
Message-ID: <5.1.0.14.0.20020322231352.00aa9970@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Trev,

Your one watt is 339 at 0518Z on an SLX portable vertical in St. Louis.

Fun project - good luck!

de Dave, NF0R nf0r@slacc.com

Date: Fri, 22 Mar 2002 22:15:15 -0800
From: "Dave Fifield" <dave@redhotradio.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [122978] Re: Registering for FDIM is easy
Message-ID: <00e601c1d232\$194fea30\$0200a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm still waiting for my refund from last year, when I couldn't make it there in the end - I cancelled in plenty of time, but have never seen hide nor hair of my seminar or banquet money again.....do you think there's any chance I will ever see it?

72, Dave, AD6A

----- Original Message -----

From: <PDouglas12@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, March 22, 2002 10:15 AM
Subject: Registering for FDIM is easy

> Hi Gang,
>
> I just registered for the FDIM seminar and Banquet at Dayton, and it was
plug
> easy using Paypal. If you have a Paypal account (any of you who are doing
> Ebay stuff probably already have one) then you can register using push
> buttons on your computer without bestirring yourself to get up and get
your
> checkbook. If you haven't already registered, and want to save yourself
some
> trouble, just go over the the QRP ARCI website
> (<http://qrp.lehigh.edu/lists/qrp-l/join.html>) and follow to FDIM for the
> registration route. I even registered and paid for my friend Tom W2RFU.
> Incidentally, Paypal is a worthwhile thing to set up for safe online
> purchasing, and it only takes few minutes--it's free for buyers.
>
> I missed last year in both senses of the word, and I am looking forward to
> seeing the "boys" and the stuff. You say you have never been to Dayton?
> Whatsamatter with you? You know you aren't getting any younger, and life
is
> short. I'm certain the pyramids are awesome, but for me it's Dayton.
>
> 72,

> Preston WJ2V
>

Date: Fri, 22 Mar 2002 22:40:03 -0800
From: Conrad Weiss <radman@best.com>
To: "'Trevor Jacobs'" <fxtech@earthlink.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [122979] RE: Propagation Test Beacon active on 7.090
Message-ID: <01C1D1F2.82ADBEC0@209-162-48-33.thegrid.net>

Hey Trev,

I copied your beacon sig earlier in the eve... ur 57 into San Carlos - just a few hundred miles up the road. Nice sounding sig! I was monitoring the freq with the 817 and you popped right up!

Beacons are really useful -- sure helpful for RX antenna comparisons !

Best,

Conrad
NN6CW

From: Trevor Jacobs[SMTP:fxtech@earthlink.net]
Sent: Friday, March 22, 2002 6:30 PM
To: Low Power Amateur Radio Discussion
Subject: Propagation Test Beacon active on 7.090

Hi Gang,

I programmed the Tick 4 tonight on the SW-40+/DDS rig and have it running on 7.090 (thought that would be a fairly unobtrusive spot). I'm going to let it run while I'm here in the shack and can make sure I'm not causing any interference to QSO's. I'd appreciate any signal reports...Thanks...

72/73's
Trev
KG6CYN

Date: Sat, 23 Mar 2002 01:55:11 -0500
From: "Matt Lee, WB6BWZ" <Matt@Tenn-Valley.com>
To: <fxtech@earthlink.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [122980] RE: Propagation Test Beacon active on 7.090
Message-ID: <NDBBJPBMMMLGNBGOMICADMEEBHPAA.Matt@Tenn-Valley.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Trev,

Copied: "KG6CYN PROPOGATION TEST BEACON BURBANK, CA 1 WATT"

23-Mar-2002

1. 0300Z-0545Z: RST 229 slight QSB & moderate to strong QRM from voice stations.
2. 0545Z-0615Z: RST 339 slight QSB.
3. 0615-0625Z: RST 339 slight QSB. Readable with MFJ-281 ClearTone Speaker.
4. 0625Z-0630Z: Unreadable, steady QRN. Barely hear CW message.
5. 0630Z-0650Z: RST 339-449. Readable with MFJ-281 ClearTone Speaker.

Rig: FT-817, 500 Hz Collins Mechanical Filter (W4RT.com's OBF), Heil Pro-Set Plus headset.

Ant: 160-ft OCF dual Inverted-L stealth doublet up 40 feet in trees. One (24-ga) Inverted-L pointed South; the other (28-ga) Inverted-L pointed West. Elements are insulated hook-up wire from Radio Shack. Matchbox: Dentron Jr. Monitor (air inductor; built-in output balun not used - causes too much loss)

QTH: Downtown Atlanta, Georgia adjacent to I-75.

--

Matt Lee, WB6BWZ * 404-609-0780 * 404-355-1555 * eFax 801-340-2487
TeleMed, Inc. (MIS-Engrg) * Physician Call Ctr * Atlanta Georgia
Business Email: Matt@TeleMedinc.com <mailto:Matt@TeleMedinc.com>
Personal Email: Matt@Tenn-Valley.com <mailto:Matt@Tenn-Valley.com>

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
> Trevor Jacobs
> Sent: Friday, March 22, 2002 21:30
> To: Low Power Amateur Radio Discussion

> Subject: Propagation Test Beacon active on 7.090
>
>
> Hi Gang,
>
> I programmed the Tick 4 tonight on the SW-40+/DDS rig and have it
> running on 7.090 (thought that would be a fairly unobtrusive spot). I'm
> going to let it run while I'm here in the shack and can make sure I'm
> not causing any interference to QSO's. I'd appreciate any signal
> reports...Thanks...
>
> 72/73's
> Trev
> KG6CYN

Date: Sat, 23 Mar 2002 02:50:13 -0500
From: "Matt Lee, WB6BWZ" <Matt@Tenn-Valley.com>
To: <fxtech@earthlink.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [122981] FW: Propagation Test Beacon active on 7.090
Message-ID: <NDBBJPBMMMLGNBGOMICADKEEEHPAA.Matt@Tenn-Valley.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Trev,

0745Z, 23-Mar-2002: RST 559.

--
Matt Lee, WB6BWZ
Atlanta, Georgia USA
<WB6BWZ@ARRL.net>

-----Original Message-----
From: Matt Lee, WB6BWZ [mailto:Matt@Tenn-Valley.com]
Sent: Saturday, March 23, 2002 01:55
To: fxtech@earthlink.net
Cc: Low Power Amateur Radio Discussion
Subject: RE: Propagation Test Beacon active on 7.090

Trev,

Copied: "KG6CYN PROPOGATION TEST BEACON BURBANK, CA 1 WATT"

23-Mar-2002

1. 0300Z-0545Z: RST 229 slight QSB & moderate to strong QRM from voice stations.
2. 0545Z-0615Z: RST 339 slight QSB.
3. 0615-0625Z: RST 339 slight QSB. Readable with MFJ-281 ClearTone Speaker.
4. 0625Z-0630Z: Unreadable, steady QRN. Barely hear CW message.
5. 0630Z-0650Z: RST 339-449. Readable with MFJ-281 ClearTone Speaker.

Rig: FT-817, 500 Hz Collins Mechanical Filter (W4RT.com's OBF), Heil Pro-Set Plus headset.

Ant: 160-ft OCF dual Inverted-L stealth doublet up 40 feet in trees. One (24-ga) Inverted-L pointed South; the other (28-ga) Inverted-L pointed West. Elements are insulated hook-up wire from Radio Shack. Matchbox: Dentron Jr. Monitor (air inductor; built-in output balun not used - causes too much loss)

QTH: Downtown Atlanta, Georgia adjacent to I-75.

--

Matt Lee, WB6BWZ * 404-609-0780 * 404-355-1555 * eFax 801-340-2487
TeleMed, Inc. (MIS-Engrg) * Physician Call Ctr * Atlanta Georgia
Business Email: Matt@TeleMedinc.com <mailto:Matt@TeleMedinc.com>
Personal Email: Matt@Tenn-Valley.com <mailto:Matt@Tenn-Valley.com>

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
> Trevor Jacobs

> Sent: Friday, March 22, 2002 21:30

> To: Low Power Amateur Radio Discussion

> Subject: Propagation Test Beacon active on 7.090

>

>

> Hi Gang,

>

> I programmed the Tick 4 tonight on the SW-40+/DDS rig and have it
> running on 7.090 (thought that would be a fairly unobtrusive spot). I'm
> going to let it run while I'm here in the shack and can make sure I'm
> not causing any interference to QSO's. I'd appreciate any signal
> reports...Thanks...

>

> 72/73's

> Trev

> KG6CYN

Date: Sat, 23 Mar 2002 07:06:45 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU, fxtech@earthlink.net
Subject: [122982] Beacon Activity
Message-ID: <20020323.070659.-74543.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

>From: "Trevor Jacobs" <fxtech@earthlink.net>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Date: Fri, 22 Mar 2002 18:30:07 -0800
>Subject: Propagation Test Beacon active on 7.090

Hi Gang,

The response to Trevor Jacobs' post was exciting . . .
re a bunch of . . . RE: Propagation Test Beacon active on 7.090 . . .

Like to give your transceiver / antenna and
weak signal (QRP-p) beacon skill a real check out.

An international group meet around 10,140,150 Hz
almost every 'night, with grayline an outstanding time to start.

There is a QRSS List <qrssknights@cmts.be>
for exact times and freq-s and other discussion.
You can send a 'SUBSCRIBE' message to <on6ul@cmts.be>.

This link will get you to the downloads on the W0CH's site.
Argo and Spectran are good programs to start out in RX mode.
<<http://www.qsl.net/w0ch/qrss/qrss.htm>>

"QRS" by ON7YD is outstanding TX software.

SpectrumLab (not for beginners) will do both plus a LOT more ! !

Please don't hesitate to ask if you have any questions or . .
a GOOGLE search on QRSS will return
a GAGGLE of reading and other soundcard software.

Enjoy

72 down 10 dB = 7.2

John
N3AAZ
FM 19 xa

GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/web/>.

Date: Sat, 23 Mar 2002 07:46:43 -0500
From: wb4mnf <wb4mnf@atl.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [122983] Re: morse keys
Message-ID: <3C9C7933.6050905@atl.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I've been trading QRO parts with Anton
and agree. Fast and courteous.
If your not an ebay fan, there is a CTHRD
direct sales website as well.

and here's Anton...
<http://www.qrz.ru/callsign.phtml?callsign=MW0EDX>

As for why two?
Small is for local and large is for DX.

73,
Bob WB4MNF

euramcom pages wrote:

> Hi (both Gangues) there,
>
>
> "Why do you need the two?"
>
> Explanations please anyone? Seriously, if you're in the market for a

> key, then worth looking at these. No involvement, usual disclaimers
> apply, and Anton is every inch a gentleman with replies to e-mail and
> so on.
>

Date: Sat, 23 Mar 2002 04:58:16 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [122984] Results - Propagation Test on 7.090 MHz
Message-ID: <01f001c1d26a\$7c0ede00\$ca9bb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Well, no one mentioned that I spelled propagation wrong, so I guess that one slipped by (on the beacon too ...embarrassed!!). This has been a lot of fun, and I'd like to thank everyone who sent in reports. I'm leaving the beacon on until I hit the sack (I'm a night owl!) so keep those report coming in. Please include NAME, CALLSIGN (If a licensed op - SWL reports also appreciated), QTH, UTC TIME, and RST. Here's the reports from the beacon as of 13:00 UTC(QTH and UTC Time was estimated if not included in report):

Time UTC	Station	NAME	QTH
RST			
02:30	KF7OM	John	Pahrump,NV
339			
02:38	WA9PWP	Paul	Stoughton,WI
349			
02:54	W5MHL	Jim	Phoenix,AZ
S7			
02:55	KB7WW	Art	Oregon City,OR
559			
03:02	WI8W	Thom	Grand Rapids,MI
at the noise level...			
03:04	KE0WW	Mike	Minneapolis, MN
229			
03:08	W6ABC	Jack	Oakland,CA
S9+10			
03:13	KR0I	Mac	Kansas City,MO

239			
03:17	NF0R	Dave	St. Louis,MO
at the noise level...			
03:19	W5USJ	Chuck	Point,TX
339			
03:28	W5EX	Ray	El Paso,TX
579			
03:29	K7NUU	Stan	Janesville, CA
100% copy...			
03:30	KI5EC	Ken	Albuquerque, NM
339			
03:32	KC0GXX	Tom	Lincoln,NE
449			
03:52	NM5M	Eric	Dallas,TX
549			
03:55	W0RW	Paul	Colorado springs,CO
569			
04:16	K3IMW/6	Ian	Irvine,CA
559			
05:25	K6ZJ	Bob	Frazier Park,CA
S6			
03:17	NF0R	Dave	St. Louis,MO
339			
03:33	VE6KBS	Karl	Calgary,AB
419			
04:00	W0RW	Paul	Colorado Springs,CO
579			
05:52	KE5TC	Royce	Haskell County,OK
519			
06:13	NQ7X	Floyd	Sun City West, AZ
569			
06:36	NN6CW	Conrad	San Carlos,CA
579			
06:44	VA6RF	Earl	Bassano, S.
Alberta	559		
06:45	K7RRW	Bob	Santa Rosa,CA
569			
06:45	W6AZ	Ron	Silicon Valley,CA
599			
07:45	WB6BWZ	Matt	Atlanta,GA
559			
08:25	KA8MAV	Brice	Indianapolis,IN
229			

Thanks gang for all of the reports! This was a lot of fun. The beacon is still running as of 13:00 UTC, so I'll update the report as you send in reports. BTW the antenna here is the Center Fed Zep, hung as an inverted vee, ~100' in length, 40' up in the center, fed with 450 ohm window line

to a KW Johnson Matchbox (Man I love this tuner!). Power was measured on a Yaesu YS-60 on the 20 watt setting. Take care and once again, thank you for the reports!

72/73's
Trev
KG6CYN

Date: Sat, 23 Mar 2002 05:06:36 -0800
From: Conrad Weiss <radman@best.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [122985] Weller WTCPT on SALE!
Message-ID: <01C1D228.82B04740@209-162-48-33.thegrid.net>

Gangue,

If you've been waiting for the *low* price on the Weller WTCPT solder station - Wassco has it -- Sale price: \$89.00 ! (regularly: \$130.95.)

This is my personal favorite - well suited to thru-hole PC boards and general kit-building. ESD safe and built for production soldering, you'll be ready for any kit or homebrew challenge. For decades - it's been America's most popular soldering station!

AND.... order a couple of pairs of Plato 170 shear cutters. Perfect for PCB lead cutting up to 18 AWG leads. On sale for only \$3.00 each; regularly \$5.20 each. These are very sweet lead cutters at a give-a-way price!

URL: <http://www.wassco.com/saleitems.html>

Sales: 1-858-679-8787 (in CA)
Sales/Orders: 1-800-492-7726 (outside CA)

Happy soldering & lead clipping to all :) !

73,

Conrad Weiss
NN6CW ----- (not related to Wassco; I just spend my allowance there!)

Date: Sat, 23 Mar 2002 08:19:30 EST
From: K5BDZ@aol.com
To: GQRP@yahoogroups.com, hqrp@stevens.com, qrp-1@lehigh.edu,
mizuho@qth.net
Subject: [122986] History - Dentron QRP MLX Mini
Message-ID: <55.2483eb8a.29cddae2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

A quick history on the Dentron QRP MLX-Mini rigs (delete now if not interested)

Bill K5BDZ

About 1983, Dentron had basically folded, and the remains were in "new ownership" hands. As the oxygen mask was being removed prior to its final demise, the original Dentron attempted to build a single band QRP transceiver that would operate SSB / CW, had a digital readout (KHz only), and was capable of 15 watts output on SSB. Housed in a steel case about 6" x 7" x 1 1/2" (just a guess... but close) it was a heavy little unit. It was called the MLX Mini. But it never hit the markets.

The heart of this little rig was the "factory wired and tested" Mizuho SG9 board, which was basically a 9 MHz IF transciever, for which Dentron made and connected their own VFO board, LED digi readout, Mixer board (freq dependent for 80, 40, 20, 15 band) and the driver/final amp board.

In 1983 I contacted the "owner of the Dentron remains" regarding those rigs and was told some 100+ MLX Mini's were available as well as a number of parts. Being told by the "new owner" these units were assembled and tested, and working, we negotiated a price for all as well as the other spares items, including extra SG9 boards, PC boards, parts, pieces, etc. I sent the money and received two big boxes of Dentron goodies. Based on the good faith telephone conversation, I expected to have over 100 good operating MLX Mini's to sell to QRPers... even had a booth ready to go at the Houston Hamcomm, the ARRL National Convention for 1983.

To say I had been mislead by the seller was the nice way to put it. PT Barnum described me perfectly when he said "There's a sucker born every minute!"

Well, the reality was that only about 10 of the MLX Mini's were operable, to some questionable degree. Others had the boards installed with no wires connected, etc. Most of the "Dentron factory assembled boards" appeared to have been soldered on an early Monday morning by someone with a monstrous

hangover!! (We used to describe that as "drop soldered from Knee Height). Manuals were few, incomplete, lacking in documentation, hand drawn, and inaccurate.

Long story short, my first effort into marketing QRP equipment was a dismal failure, and after months and expense of trying to recoup my "investment" I put it all in boxes on the shelf and "got a life" again.

A couple of years or so later Leo (sorry Leo, forgot your call) called, and long story short, he purchased the bulk of the SG9 boards and other items, and delivered them to the GQRP group, where they all found great homes, and where Ian G3R00, George G3RJV and group designed a wonderful QRP transceiver circuit featuring the SG9 boards, to include mixer, VFO, final amp and other circuits.

This story and a \$1.50 (One Pound to you Brits) won't even buy you a good cup of coffee (tea??) these days. But it is a part of the QRP history, from the early days when QRP was just a "CW word" that most hams could not define. QRP equipment ? TenTec and homebrew were your main QRP choices.

How wonderfully times have changed! Dave's Small Wonder Labs... NORCAL and all the other clubs... Kanga...the wonderful designs of Sheldon Hands and his offerings... and the multitude I failed to note.... NOW we have a world of great, wonderful choices from design talents second to none! Thanks ALL y'all for bringing the unending excitement to QRP'ers. and "Eat you hearts out QRO... we've arrived!"

Bill K5BDZ

P.S. Being from Texas I must define for you that "y'all is singular... and ALL y'all is plural"... hey Dick 'BPS, you must admit, I at least made it to the last sentence before the vernacular crept in....!

Date: Sat, 23 Mar 2002 09:18:39 -0500
From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [122987] Re: Results - Propagation Test on 7.090 MHz
Message-ID: <000301c1d275\$a0fc9940\$6401a8c0@JOHN>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Trevor Jacobs (fxtech@earthlink.net) wrote:

>Well, no one mentioned that I spelled propagation wrong, so I guess that
>one slipped by (on the beacon too ...embarrassed!!).

Don't be embarrassed Trevor - it's a small mind that knows only one way to spell a word.
;-)

John Harper AE5X
Outdoor QRP & 80m DXing: <http://www.ae5x.com>

Date: Sat, 23 Mar 2002 09:27:57 -0500
From: "Tom Dooley" <tdooley@attbi.com>
To: <dave@redhotradio.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [122988] Re: Registering for FDIM is easy
Message-ID: <061401c1d276\$ee00faa0\$084f3842@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Dave,

I am the Chairman for this year's FDIM. Let's take this offline and I am sure that we can get things straightened out.

Please send me the information of your situation and I am sure that it's just something that fell through the cracks. We certainly are not mistake proof, but we do try to make things right.

73
Tom, K4TJD

----- Original Message -----

From: "Dave Fifield" <dave@redhotradio.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, March 23, 2002 1:15 AM
Subject: Re: Registering for FDIM is easy

I'm still waiting for my refund from last year, when I couldn't make it there in the end - I cancelled in plenty of time, but have never seen hide nor hair of my seminar or banquet money again.....do you think there's any chance I will ever see it?

72, Dave, AD6A

----- Original Message -----

From: <PDouglas12@aol.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, March 22, 2002 10:15 AM

Subject: Registering for FDIM is easy

> Hi Gang,

>

> I just registered for the FDIM seminar and Banquet at Dayton, and it was
> plug

> easy using Paypal. If you have a Paypal account (any of you who are doing

> Ebay stuff probably already have one) then you can register using push

> buttons on your computer without bestirring yourself to get up and get
> your

> checkbook. If you haven't already registered, and want to save yourself
> some

> trouble, just go over the the QRP ARCI website

> (<http://qrp.lehigh.edu/lists/qrp-1/join.html>) and follow to FDIM for the

> registration route. I even registered and payed for my friend Tom W2RFU.

> Incidentally, Paypal is a worthwhile thing to set up for safe online

> purchasing, and it only takes few minutes--it's free for buyers.

>

> I missed last year in both senses of the word, and I am looking forward to

> seeing the "boys" and the stuff. You say you have never been to Dayton?

> Whatsamatter with you? You know you aren't getting any younger, and life
> is

> short. I'm certain the pyramids are awesome, but for me it's Dayton.

>

> 72,

> Preston WJ2V

>

Date: Sat, 23 Mar 2002 08:04:06 -0700

From: "Al Dawkins" <alk0frp@attbi.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [122989] Dayton rooms ????

Message-ID: <006601c1d27b\$fad29680\$0200a8c0@als>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Any rooms in the QRP hotel for Friday and Saturday.
I can't get there till Friday nite because I'll be driving from Indiana at
the end of a busines trip I leave Sunday back to Denver.
If Not I'll look down the road ???

Al K0FRP

Date: Sat, 23 Mar 2002 06:50:27 -0800
From: <bowerm@ix.netcom.com>
To: qrp-l@lehigh.edu
Subject: [122990] OT:need ID info
Message-ID: <Springmail.0994.1016895027.0.93209100@webmail.pas.earthlink.net>

Hi, gang,

I am currently on vacation (alas sans radios) this week and have been shown
two old rigs that I can't id. Can someone give me some help?

Please respond to this e-mail address (and the list if you want). I've got
my list subscription on hold right now. Thanks.

Rig #1

Knight Star Roamer:

Looks like a sw reciever covering 5 bands. What is confusing is that on the
back there it a switch for "normal" or "code" and there seems to be a plug
on the back (very wide spacing) for a Key (that's how it's labeled).

Questions:

- 1) Is this a transceiver or receiver?
- 2) It appears to be in reasonable shape (tubes and chassis clean but dusty
(no grime). I don't have a variac (darn, didn't pack that) but the guy
would like to power it up. Can I/should I just plug it in and power it up?
- 3) the face looks like it has black on most of the dial and silver color on
other sections. One of the previous owners put wood grain contact paper on
the silver parts. Looks like it would have looked nice if the person had

done a nice job of cutting the stuff.

What was the original "decor" of this rig. (IOW, did something else cover the silver parts once?)

Rig #2

Knight FM Monitor Receiver:

At first glance, I thought it was just an FM radio (broadcast type) but the band width is about 152-188 MHz.

What is this?

TIA

Michael N4NMR

Date: Sat, 23 Mar 2002 10:15:51 -0500
From: aluscre <aluscre@neo.rr.com>
To: K5BDZ@aol.com
Cc: GQRP@yahooogroups.com, hqrp@stevens.com, qrp-1@Lehigh.EDU,
mizuho@qth.net
Subject: [122991] Re: [GQRP] History - Dentron QRP MLX Mini
Message-ID: <200203231515.g2NFFnB27164@c1mboh1-smtp3.columbus.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A small aside.

I lived less than 5 miles from the then Dentron "factory" was here in Stow, OH. I was newly licensed (1981) and after meeting a few local hams I was interested in getting into 6 meters.

Money was somewhat short, so I was looking for an inexpensive 6 meter only radio.

I saw the Dentron ad in a national magazine and they describe the new MLX would be available in mono banders from 80 to 6 meters. Seeing that the address was just down the road I stopped into inquire about MLX. I was told that current production was limited to 75 M and 40 M models but all bands including 6 would be available "very soon". They also gave me a short visit of the "assembly line". Memory is a little cloudy here but I think there was 3 or four workbenches with 2

or 3 workers. Well this was the first of many visits in quest of the 6 Meter MLX, all futile and with same answer "very soon". Then one day when I arrived the doors were shut and "for lease" sign was up at building.

Coincidentally a few years later at a local hamfest I purchased one of the 75Meter MLXs. Its digital readout was very erratic and power output spotty. I sold it a few hamfests later. Over the last few years I have actually spotted a very limited number at local hamfests. In early eighties I bought one of those 9 MHz modules from G-QRP club for a project that never got off the ground as I moved to new house and lost the board in all the packing and unpacking. Who knows it may still be lurking somewhere in bottom of a long forgotten box in garage, attic or basement. Maybe I will go on an archeological dig this summer!

K5BDZ@aol.com wrote:

> A quick history on the Dentron QRP MLX-Mini rigs (delete now if not
> interested)
>
> Bill K5BDZ
>
> About 1983, Dentron had basically folded, and the remains were in "new
> ownership" hands. As the oxygen mask was being removed prior to its final
> demise, the original Dentron attempted to build a single band QRP transceiver
> that would operate SSB / CW, had a digital readout (KHz only), and was
> capable of 15 watts output on SSB. Housed in a steel case about 6" x 7" x 1
> 1/2" (just a guess... but close) it was a heavy little unit. It was called
> the MLX Mini. But it never hit the markets.
>
> The heart of this little rig was the "factory wired and tested" Mizuho SG9
> board, which was basically a 9 MHz IF transceiver, for which Dentron made and
> connected their own VFO board, LED digi readout, Mixer board (freq dependent
> for 80, 40, 20, 15 band) and the driver/final amp board.
>
> In 1983 I contacted the "owner of the Dentron remains" regarding those rigs
> and was told some 100+ MLX Mini's were available as well as a number of
> parts. Being told by the "new owner" these units were assembled and tested,
> and working, we negotiated a price for all as well as the other spares items,
> including extra SG9 boards, PC boards, parts, pieces, etc. I sent the money
> and received two big boxes of Dentron goodies. Based on the good faith
> telephone conversation, I expected to have over 100 good operating MLX Mini's
> to sell to QRPers... even had a booth ready to go at the Houston Hamcomm, the
> ARRL National Convention for 1983.
>
> To say I had been misled by the seller was the nice way to put it. PT
> Barnum described me perfectly when he said "There's a sucker born every
> minute!"
>
> Well, the reality was that only about 10 of the MLX Mini's were operable, to
> some questionable degree. Others had the boards installed with no wires

> connected, etc. Most of the "Dentron factory assembled boards" appeared to
> have been soldered on an early Monday morning by someone with a monstrous
> hangover!! (We used to describe that as "drop soldered from Knee Height).
> Manuals were few, incomplete, lacking in documentation, hand drawn, and
> inaccurate.
>
> Long story short, my first effort into marketing QRP equipment was a dismal
> failure, and after months and expense of trying to recoup my "investment" I
> put it all in boxes on the shelf and "got a life" again.
>
> A couple of years or so later Leo (sorry Leo, forgot your call) called, and
> long story short, he purchased the bulk of the SG9 boards and other items,
> and delivered them to the GQRP group, where they all found great homes, and
> where Ian G3R00, George G3RJV and group designed a wonderful QRP transceiver
> circuit featuring the SG9 boards, to include mixer, VFO, final amp and other
> circuits.
>
> This story and a \$1.50 (One Pound to you Brits) won't even buy you a good cup
> of coffee (tea??) these days. But it is a part of the QRP history, from the
> early days when QRP was just a "CW word" that most hams could not define.
> QRP equipment ? TenTec and homebrew were your main QRP choices.
>
> How wonderfully times have changed! Dave's Small Wonder Labs... NORCAL and
> all the other clubs... Kanga...the wonderful designs of Sheldon Hands and his
> offerings... and the multitude I failed to note.... NOW we have a world of
> great, wonderful choices from design talents second to none! Thanks ALL
> y'all for bringing the unending excitement to QRP'ers. and "Eat you hearts
> out QRO... we've arrived!"
>
> Bill K5BDZ
> P.S. Being from Texas I must define for you that "y'all is singular... and
> ALL y'all is plural"... hey Dick 'BPS, you must admit, I at least made it to
> the last sentence before the vernacular crept in...!
>
> === Via the mailing list of the GQRP Club www.gqrp.com ===
>
> Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>

--

|-----|
Anthony A. Luscre
K8ZT
Stow, Ohio
|-----|
Visit My Website at
<http://www.qsl.net/k8zt>
|-----|

Date: Sat, 23 Mar 2002 09:31:48 -0600
From: "jerry brown" <jmbrown@edge.net>
To: <qrp-1@Lehigh.EDU>
Subject: [122992] Of tube transmitters and keys
Message-ID: <008501c1d27f\$da27b740\$9f5015d0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

OF TUBE TRANSMITTERS-

I would like to remind the group of a Fair Radio Sales offering, a two tube, bandswitched in 4 bands, 3-22 MHz xtal controlled HF xmtr that was originally a CIA design. Theirs is the US Army version T-784A. Tubes-6AC7/2E26.

Mine doesn't have a scratch on it and it is a bit of history- having endured the cold war and Vietnam.

If you have the matching receiver for sale, please let me know...

At \$125, seems to be a reasonable buy...I like mine. The outboard power supply is AC/DC and is also available. It's listed under "GROUND RADIOS" on the website.

details at www.fairradio.com/ground.htm

CAUTION-

If you order one, tell them to send you a unit that doesn't rattle when shaken and one with a bandswitch that is not frozen....the rattling comes from a broken ferrite rod inside an inductor...the rod can break at its mounting if the rig is dropped, but is not a fatal break (usually). The bandswitch freezes because of a bit of corrosion over time.

These rigs are about 30 years old.

OF KEYS-

In case you haven't seen the NORTH AMERICAN TELEGRAPH

keys/paddles built by Jim Richards, KD6VDH, check out
Morse Express and/or April CQ magazine.

In case you want to see my custom version from Jim
drop me an e-mail. Jim mounted his paddle on granite
I recovered from the ruins of Saddam Hussein's former palace
in the no-fly zone of northern Iraq (he still has about 60 palaces).
The picture comes with a bit of the history of my visit to the area.

Usual disclaimer- I have no financial interest in either commercial
entity.

72,

Jerry N4EO
Columbia, TN

Date: Sat, 23 Mar 2002 07:33:52 -0800
From: "Kevin Asato" <kevin.k.asato@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [122993] Re: Airport Security and HTs Etc.
Message-ID: <011b01c1d280\$23d6a180\$8201a8c0@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been through Long Beach (CA), LAX, Minneapolis-St. Paul, Houston (IAH)
and San Jose, Costa Rica (SJO) in the past 6 months. Aside from having to
empty all my carry-on electronics into a tray in Long Beach, the only item
that anyone seems really to take notice in is the computer. I haven't
figured out the fixation with this except that it seems that they are
"doing" something. I have had an HT or scanner with me on a couple of those
trips through the airport with no problem - haven't even had to turn those
on.

Seems like the ones getting shaken down now days are the ones with metal
pins in their ankles. I work with a couple of them who have their xrays and
have had to show their scars after the wands cannot find anything in their
pant legs!

Kevin K Asato
KC6POB
ADC Tech Support

----- Original Message -----

From: Jensen, Gary <GJensen@shaklee.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, March 22, 2002 12:30 PM
Subject: OT: Airport Security and HTs Etc.

> I was wondering if anyone has experienced problems getting their HT's or
> other radio equipment through airport security recently.
>
> Gary W6STN
>

Date: Sat, 23 Mar 2002 10:39:46 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [122994] Re:OT:need ID info
Message-ID: <F120AcmpZaSkb9ab0ue0000ed12@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Knight-kit Star Roamer is a receiver, only.

Uses regen in i.f. for bfo.

'Code-Normal' switch and 'key' jack on rear apron are for using Star Roamer as a code practice oscillator.

Dunno about original cosmetics.

73.
Bill, N4QA

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Sat, 23 Mar 2002 23:56:17 +0000
From: Chuck Adams <k7qo@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [122995] [OT] QRP Book Illustrations
Message-ID: <5.1.0.14.0.20020323234818.009ec0a0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

I am experimenting on some QRP book illustrations.
I have been using xfig under Linux and there are some things
that are just too difficult to get the effects that I want.

So I need to exchange email with someone using Adobe Illustrator
and just how it works before I buy a copy. The current revision level
seems to be 9.0 if I can believe that Fry's Electronics has the latest
and greatest copy on the shelves.... :-) I might be interested in a
trade of QRP gear for an older copy with manuals. Since this is a topic
that is specialized there is no need to start a thread on QRP-L.

Last semester one of the other profs in physics was using Adobe Illustrator
to create .eps files for inclusion into TeX documents and I was impressed
at the time but did not do any research at the time into the topic. Now I'm
interested. I have all the issues with schematics and graphs resolved with my
own software but now have the need for some other stuff that I just don't want
to write.....

Thanks in advance,

Chuck Adams, K7QO CP-60 k7qo@earthlink.net
<http://www.qsl.net/k7qo>

Moving to Arizona? --- Bring your own water, please.

Date: Sat, 23 Mar 2002 11:57:15 +0000
From: "M.J.Powell" <mike@pickmere.demon.co.uk>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [122996] Re: OT - isolating phantom power
Message-ID: <NTtheAAb2Gn8EwRG@pickmere.demon.co.uk>

MIME-Version: 1.0

In message <001101c1d204\$88529460\$0600a8c0@charter.net>, Mike Yetzko
<myetsko@insydesw.com> writes

>Just pick your cap so that the impedance of the cap at the highest
>frequency
>is a small percentage of the impedance of circuit.

LOWEST! Otherwise you will get severe bass cut.

Mike

--

M.J.Powell

Date: Sat, 23 Mar 2002 08:47:55 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
<bowerm@ix.netcom.com>
Subject: [122997] Re: OT:need ID info
Message-ID: <000301c1d282\$1a44ea30\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Michael

The Star Roamer was a General Coverage SWL RCVR, offered by
Knight Kit. (It dates back to the mid-60's. It was the very
first kit I ever built. That's when I discovered Amateur Radio)

For the curious, photo and specs @: <http://www.dxing.com/rx/span.htm>

More below...

73, Rod N0RC
Fort Collins, CO

----- Original Text -----

Subject: OT:need ID info

bowerm@ix.netcom.com

Date: Sat Mar 23 2002 - 09:50:27 EST

>

> Hi, gang,

>

> I am currently on vacation (alas sans radios) this week and have been shown
> two old rigs that I can't id. Can someone give me some help?
>
> Please respond to this e-mail address (and the list if you want). I've got
> my list subscription on hold right now. Thanks.
>
> Rig #1
>
> Knight Star Roamer:
>
> Looks like a sw reciever covering 5 bands. What is confusing is that on the
> back there it a switch for "normal" or "code" and there seems to be a plug
> on the back (very wide spacing) for a Key (that's how it's labeled).
>
> Questions:
>
> 1) Is this a transceiver or receiver?
>

Reciver. What you describe sounds like a CPO function described in the link above. I don't recall mine having that, but that was a long time ago. ;-)

> 2) It appears to be in reasonable shape (tubes and chassis clean but dusty
> (no grime). I don't have a variac (darn, didn't pack that) but the guy
> would like to power it up. Can I/should I just plug it in and power it up?
>

Your call. It one quick way to find out what and/or if anything is wrong. (no guts no glory ;-)

> 3) the face looks like it has black on most of the dial and silver color on
> other sections. One of the previous owners put wood grain contact paper on
> the silver parts. Looks like it would have looked nice if the person had
> done a nice job of cutting the stuff.
>

> What was the original "decor" of this rig. (IOW, did something else
cover
> the silver parts once?)
>
>

The link above has a picture.

* * *

Date: Sat, 23 Mar 2002 10:47:42 -0500
From: "Marty N5NW" <n5nw@n5nw.org>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [122998] Re: Miracle Whip
Message-ID: <HJELKOJDNFAJGICJMIFGKEACDEAA.n5nw@n5nw.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've seen the data on the "shootout", but I wonder how sound their methodology is in testing. If I interpret correctly, they are examining field strength at appx. 240 ft. from the antenna. They used an 8 ft. feedline (even though most of the antennas don't use ANY feedline). I don't think adding a feedline will skew the results, but it could. Hams are only now experimenting with antennas that have no feedline -- at least, I haven't seen any in the 15 years I've been a ham. So I'm not sure we really know what the effect of various scenarios will be.

I say that without disagreeing with the point that the Miracle Whip is not an efficient radiator, because it isn't. Even comparatively speaking other short whips were more efficient, based on the shootout results. But more RF doesn't necessarily mean more RF on the receiving end. Seems that pattern and takeoff angle might have some impact on how well a particular antenna performs, in addition to the field strength.

But I could be wrong ... and often am.

de N5NW/8 (Marty)
Dayton, OH

Date: Sat, 23 Mar 2002 10:00:40 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [122999] RE: THHN Wire?
Message-ID: <01C1D251.976BE8A0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

That's a tough one. Types such as THHN and THWN appear in the National Electric Code. Sometimes you can dope what they stand for and sometimes it's difficult. I'm pretty sure the 'N' part is for the nylon outer layer added to THH and THW. It provides abrasion resistance during cable pulling operations and isn't part of the primary insulation. As noted by others, it tends to come apart after your antenna has been up a while, but that's no problem.

72--Nick, WA5BDU

-----Original Message-----

From: George Reeves [SMTP:greeves@emory.edu]
Sent: Friday, March 22, 2002 2:16 PM
To: Low Power Amateur Radio Discussion
Subject: THHN Wire?

What is THHN House wire? What does the THHN stand for?

Date: Sat, 23 Mar 2002 09:10:32 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <aa4lr@arrl.net>, qrp-1 <qrp-1@lehigh.edu>
Subject: [123000] Re: Mobile antenna bonanza - Identification
Message-ID: <B8C1F707.133D3%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Bill - I can help a bit.

The Hustler RM-20 is the 20 M coil designed for a 3 to 4 ft base section and a 3 to 4 foot top whip. The length of the top whip has a much stronger effect on the resonant frequency than does the length of bottom section. You can make a good bottom section out of 3 to 4 feet of 1/2 inch EMT with 2 brass 1/2 inch (male) to 1/8 inch (female) pipe adapters. Are they called

bushings? Screw the 1/2 inch end of the adapter into the EMT. The standard mobile thread is 3/8 x 24. A 3/8 x 24 thread will fit into the 1/8 inch pipe thread. It is not designed to, and the 1/8 inch pipe threads are tapered, but it will fit. A 3/8 x 24 tap will make the fit better. All of you professional machinists and plumbers can stop cringing now.

The short rods were used to mount the Hustler whips on the trunk. The top whip needs to be extended in such an application.

I hope that this helps. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sat, 23 Mar 2002 09:18:27 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [123001] DON'T READ THIS MSG
Message-ID: <002001c1d286\$5d7d2de0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fire up the rig and get on the air, ;-)

17 & 12m are hoping with DX, just worked Japan on 17m & Germany on 12m.

If I can do that with 5W and an attic antenna, imagine what can be done with a "REAL" antenna!

73, Rod N0RC
Ft Collins, CO

Date: Sat, 23 Mar 2002 17:20:30 +0100
From: "Guido Tedeschi, ik2bcp" <ik2bcp@hamlan.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [123002] 20m mini dipole

Message-ID: <004601c1d286\$daea8de0\$20a3862c@Main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Guys,
following many requests about the "mini dipole" that I use with my "mini
ATU", I published on the web some data about it.
The link is:
<http://www.hamlan.org/tech/20mloadeddipole/20mloadeddipole.htm>
Ciao and 73
Guido, ik2bcp / ab9dg

Date: Sat, 23 Mar 2002 10:38:21 -0600
From: "K5XU, Mike Duke" <k5xu@netdoor.com>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [123003] Heath Sixer fs/ft, and Want List
Message-ID: <000c01c1d289\$36f28320\$67c794d0@k5xu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an HW-29A Sixer. The receiver is not working, and there is no
transmit crystal, but the tubes light and it hasn't been smoked. It has the
ac power cord, but no dc supply.

Make me a trade or \$ offer.

Here is a list of items that I'm interested in acquiring, but not
necessarily in trade for the Sixer.

MFJ folded dipoles
Carolina Windom 80 or 80 Special
parts (especially traps) to re-build a Mosley TA33 JR
a 6 meter beam or 6/10 meter dual band beam
Rhon 25G tower sections which can be picked up within reasonable distance of
Newton, Ms
Stereo audio mixer with provisions for phonograph input

Mike Duke, K5XU, President
American Council of Blind Radio Amateurs

Date: Sat, 23 Mar 2002 10:36:09 -0600
From: wa0goz@arrl.net
To: k3tks@u1.abs.net
Cc: qrp-l@Lehigh.EDU
Subject: [123004] Re: Crystals
Message-ID: <3C9CAEF9.5304@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi George

You wrote:

: >I always wondered about those Channel Markings, but never seemed
: >to have time to dig for the information.

Here's what I have from years ago when these crystals were popular.

If the channel number is 2 digits, divide the frequency by 54 and multiply the results by 1000.

i.e. Channel 32 marked F=23.2

$$23.2/54 = 429.630$$

If the channel number is 3 digits, divide the frequency by 72 and multiply the results by 1000.

i.e. Channel 381 marked 38.1

$$38.1/72 = 529.166$$

Hope this helps and 73,

Henry WA0GOZ

Date: Sat, 23 Mar 2002 11:49:19 EST
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [123005] Delta Quad
Message-ID: <4f.1a9478fd.29ce0c0f@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I am interested in possibly installing a QUAD antenna and was wondering if anyone has experience with the Lightningbolt Delta Quad 32MCD/WB 5 band model.

<http://www.lightningboltantennas.com/delta.html>

I am looking for input on quality and operation of antenna and minimum height necessary for effective ops

Alan KB7MBI in Woodinville, WA
FISTS 5702 Proud member of ARRL

Date: Sat, 23 Mar 2002 12:05:00 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: K5BDZ@aol.com
Cc: GQRP@yahooogroups.com, <hqrp@stevens.com>, <qrp-1@Lehigh.EDU>, <mizuho@qth.net>
Subject: [123006] Re: [GQRP] History - Dentron QRP MLX Mini
Message-ID: <20020323115536.N32493-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bill,

Thanks for the memories. Yet, another story of QRPP Tenacity and Endurance.

On another note, I was digging thru my only set of RSGB Handbooks (1976) last night in search of the Data on FT241 & FT 243 Crystals.

Brad, KG6IOE had mentioned something about them being found there.

I found some information that I had not seen anywhere else before. It also referred to The RSGB Data Reference Book as having the Tables of Channels and Frequencies for those Crystals.

Now all I need to do is find someone with a Spare Copy of it.

The very interesting part is the discussion on using them in SSB Crystal Filters Pg 6.75 see HF Tx. Also take a peek at table 14.10 There they describe a CMOS Divider to use with the FT241 rocks for a 1750 Hz Xtal Control Tone Board for Two Meter Whistle Up.

You would have thought that the info would have been found in the ARRL Handbook, but Not to my knowledge..

Thanks again, for the reminder of days gone by...

QRPp Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,
Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

Maryland Milliwatt Club QRP Reference Library, Donations Accepted.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Sat, 23 Mar 2002 12:05:20 EST
From: K5BDZ@aol.com
To: ARDUJENSKI@aol.com, qrp-1@lehigh.edu
Subject: [123007] Re: Delta Quad
Message-ID: <159.b095bae.29ce0fd0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 03/23/2002 10:50:22 AM Central Standard Time,
ARDUJENSKI@aol.com writes:

> I am interested in possibly installing a QUAD antenna
>
> I am looking for input on quality and operation of antenna and minimum

> height necessary for effective ops

Alan

Don't have experience with commercial units, but a few years back I built a 20 meter delta loop, point down and flat side on top. Mounted bottom at 18 foot high level, and the arms extended upward another 24 feet.

performance? running 80 watts, I opened the DX bands 30 minutes before the yagis could hear the same stations, closed DX bands 30 after the yagis ceased to hear. I also talked to everyone I could hear. Broad bandwidth. Quiet antenna. Aluminum arms, with wire across top. Withstood 55 MPH winds just fine.

Single drawback to my antenna was the physical mounting. It was not a "one person install" design.... in fact putting it up by myself was much akin to trying to pick up a 6' tall drunk by his big toe!

You'll love the performance of a delta loop! Have fun.

Bill K5BDZ

Date: Sat, 23 Mar 2002 12:11:22 EST
From: K5BDZ@aol.com
To: aluscre@neo.rr.com
Cc: GQRP@yahooogroups.com, hqrp@stevens.com, qrp-1@lehigh.edu,
mizuho@qth.net
Subject: [123008] Re: [GQRP] History - Dentron QRP MLX Mini
Message-ID: <a8.89eed44.29ce113a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

To all who have responded privately and to others, my remaining SG9 boards are either committed or destined to stay in my "do it someday" box. Thanks for the interest.

And to all those who write your personal experiences with the Dentron MLX Mini, THANKS! The stories are wonderful to share, and surely bring back GOOD memories.

Finally to those who see a little MLX Mini at a flea market... it's worth a few bucks to pick it up. Chances are, if not working, the SG9 board inside still has a good heart and wonderful circulation, and sill spring to life if given a chance.

Bill K5BDZ

Date: Sat, 23 Mar 2002 10:21:28 -0700
From: "Todd Gahagan" <tgahagan@imt.net>
To: <bowerm@ix.netcom.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [123009] Re: OT:need ID info
Message-ID: <017d01c1d28f\$2c28c430\$f23f0ecf@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I built one of these in the mid 60s. My first kit. Never will forget the thrill of turning it on for the first time and hearing signals. Wish I still had it.

----- Original Message -----

From: <bowerm@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, March 23, 2002 7:50 AM
Subject: OT:need ID info

>
> Hi, gang,
>
> I am currently on vacation (alas sans radios) this week and have been shown
> two old rigs that I can't id. Can someone give me some help?
>
> Please respond to this e-mail address (and the list if you want). I've got
> my list subscription on hold right now. Thanks.
>
> Rig #1
>
> Knight Star Roamer:
>
> Looks like a sw reciever covering 5 bands. What is confusing is that on the
> back there it a switch for "normal" or "code" and there seems to be a plug
> on the back (very wide spacing) for a Key (that's how it's labeled).
>
> Questions:
>
> 1) Is this a transceiver or receiver?
>
> 2) It appears to be in reasonable shape (tubes and chassis clean but dusty

> (no grime). I don't have a variac (darn, didn't pack that) but the guy
> would like to power it up. Can I/should I just plug it in and power it
up?
>
> 3) the face looks like it has black on most of the dial and silver color
on
> other sections. One of the previous owners put wood grain contact paper
on
> the silver parts. Looks like it would have looked nice if the person had
> done a nice job of cutting the stuff.
>
> What was the original "decor" of this rig. (IOW, did something else cover
> the silver parts once?)
>
>
> Rig #2
>
> Knight FM Monitor Receiver:
>
> At first glance, I thought it was just an FM radio (broadcast type) but
the
> band width is about 152-188 MHz.
>
> What is this?
>
>
> TIA
>
>
> Michael N4NMR
>
>
>
>

Date: Sat, 23 Mar 2002 09:35:14 -0800 (PST)
From: joe living <jliving2001@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [123010] tube rigs
Message-ID: <20020323173514.9521.qmail@web10604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi gang

I like many others have enjoyed the chat on tube rigs. Its been said before but please be careful with these old rigs. All of us old timers have been knocked on our butts by high voltage and charged capacitors that were not supposed to hold a charge because their bleeders were there to protect us!

Also be careful with old parts. Old resistors collect moisture and the resistance rises (See QST this month).

Also, leaving these old rigs on unattended with their 40 year old parts is a fire hazard.

As a kid in the fifties I can remember sad stories in QST about amateurs dying from electocution. In fact, I beleive a famous VHF pioneer from the 30's died this way(Ross Hall?).

Anyway, be careful.

Joe W3GW

Do You Yahoo!?

Yahoo! Movies - coverage of the 74th Academy Awards
<http://movies.yahoo.com/>

Date: Sat, 23 Mar 2002 12:23:00 -0600
From: Ed Manuel <emanuel@datacomdesign.com>
To: qrp-1@lehigh.edu
Subject: [123011] HF Pack Shootout Observations (was Miracle Whip)
Message-ID: <4.3.2.7.2.20020323122153.00c25520@mail.directvinternet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi, Marty.

Let me try to address your concerns - I was there and signed off as a witness for the methods employed - didn't create them, just observed them.

At 10:47 AM 3/23/02 -0500, you wrote:

>I've seen the data on the "shootout", but I wonder how sound their
>methodology is in testing. If I interpret correctly, they are examining
>field strength at appx. 240 ft. from the antenna. They used an 8 ft.
>feedline (even though most of the antennas don't use ANY feedline). I don't

>think adding a feedline will skew the results, but it could.

No real choice here. If you want to compare a number of antennas, you have to have some kind of setup that fairly tests all the antennas. So, the test setup put the antenna on a mount, similar to ones you might use on a temporary installation. The feedline went to a table just out of the way of the antenna. The key here is that they were all done the same - with the short feedline.

>I say that without disagreeing with the point that the Miracle Whip is not
>an efficient radiator, because it isn't. Even comparatively speaking other
>short whips were more efficient, based on the shoortout results.

True - and the whole point was to find some method of comparing the antennas to each other without regard for the absolute efficiency.

> But more
>RF doesn't necessarily mean more RF on the receiving end. Seems that
>pattern and takeoff angle might have some impact on how well a particular
>antenna performs, in addition to the field strength.

True again. Any antenna will radiate something and in some direction. We can make contacts on dummy loads. But, the only way to effectively compare one antenna to another antenna is to establish a method and test them all alike. You could do an on-air test - use it for a week, change to another - use it for a week, etc. But that method is flawed because you can't really reproduce the conditions from one week to another. You could put them side - by - side and flip back and forth between them, but that method doesn't have them at the same place. Every method has trade-offs.

Since testing the "man-pack" antennas at 240 feet tests the field produced by the antenna largely as a result of the efficiency of the antenna - it is a fair representation of the amount of energy that the antenna radiates - generally in the direction of the horizon. That's where we are most interested for antennas that we wish to use to work long distances.

Testing a vertical antenna (for example, a mobile antenna on a vehicle) using field strength measurements has long been an accepted method for determining the correct tuning and installation of the antenna - more field strength is better than less field strength. Hence, setting these various antennas designed for ultra-portable use on a fixture and very accurately measuring the field strength at a reasonable distance is a good method for comparing them.

Remember the real purpose here. These antennas are commercial antennas (mostly) desiring that you spend your money to purchase theirs - and often making claims about their performance. If they were just designs in QST or the Quarterly - you could build them all and test them yourself. But if

you have to spend more than \$100 to test them, most of us would like some independent testing to help us decide which one we will buy for ourselves.

Any test COULD have been used if it seemed reasonable to experienced antenna folks - this just happened to be the one that was manageable and made sense for those wanting to do the test at Pacificon. Does it definitively tell you which antenna to buy? Not really. There are folks with positive experiences using the Miracle Whip. They are still being made and sold. The DL QRP Club sells them. Would I buy one? Ask me off-line.

Personally, I think anyone making a product that names their product "Miracle" ought to be held to that standard for there product :-) but that is not scientific.

So, use the results of the HF Pack Shootout as you would any other independent information. Evaluate the test results, evaluate the test environment and conditions and methods.

It is easy to say "the tests don't mean anything because of (you fill in the blank)." But, I doubt that anyone could suggest another testing methodology that would have provided different results that everyone would have considered "definitive". And to suggest that you just can't test antennas like this at all because of all the difficulties doesn't help anyone decide between them.

>But I could be wrong ... and often am.

Nope - you are just an "inquiring mind wanting to know". Look me up at FDIM and I'll buy you a soda and we'll talk about antennas!

Ed Manuel
n5em@amsat.org

Date: Sat, 23 Mar 2002 13:05:12 -0600
From: MIKE SOUHRADA <wb9iog@revealed.net>
To: K5BDZ@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [123012] Re: History - Dentron QRP MLX Mini/73 Ad.
Message-ID: <3C9CD1E8.8E11318D@revealed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K5BDZ@aol.com wrote:

>

> A quick history on the Dentron QRP MLX-Mini rigs (delete now if not
> interested)

>

> Bill K5BDZ

Well I found this thread extremely interesting for a number of reasons.
I picked up a Dentron Tuner MLT 2500 a few years ago. Very unusual
unit with digital display, analog metering, and automatic switching
from 200-2000 Watts,& 5 antenna inputs.

The problem with it was an failed A/D converter
rendering it almost useless to reset the variable inductor.

Mine is SN 021, after years of looking I've only found one more
and that had the same problem which was solved by butchering it up,
bad news.

Still looking for a clue where to find the schematic if there was
one made. The manual copy doesn't show any.

In the search process I found an advertisement covering all that Dentron
had on the market in 1982. I always wondered about those two neat
little units identified as MLX Mini Transceiver and another
called Station One CW unit, both rated at 25 watts. I have never
seen those at hamfests. So you might want to take a look at the
ad. 73 Magazine 8/82 pg 31-32 to see what the discussion was all
about.

Also if anyone can give me a lead on the schematic for the MLT 2500
would appreciate it greatly! I want to keep it running and hate
to reverse engineer all that's inside, which is a LOT.

Mike

Iowa

Date: Sat, 23 Mar 2002 11:18:46 -0800

From: Mighty Mik <mightymik2@attbi.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [123013] Re: tube rigs

Message-ID: <5.1.0.14.0.20020323111523.00b402b8@mail.attbi.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Anyone try wearing latex gloves while 'operating' on a tube rig? Not trying
to instill a false sense of security or anything, but maybe this is
something that is around now and wasn't then? Anyone know what the

breakdown voltage of that type of glove is?

At 09:35 AM 3/23/2002 -0800, you wrote:

>Hi gang

>

> I like many others have enjoyed the chat on tube
>rigs. Its been said before but please be careful with
>these old rigs. All of us old timers have been knocked
>on our butts by high voltage and charged capacitors
>that were not supposed to hold a charge because their
>bleeders were there to protect us!

>

snip...

Date: Sat, 23 Mar 2002 14:30:30 -0500

From: "Jim Thiessen" <jthiessen@videotron.ca>

To: <qrp-1@Lehigh.EDU>

Subject: [123014] RE: Meguro 35 Mhz Oscilloscope

Message-ID: <000a01c1d2a1\$31d38d40\$1e02a8c0@WorkGroup>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Thank you for the info Matt.

I bought this Meguro scope yesterday for 30\$US and plugged it in last night.
. Its a good quality dual trace scope originally from a local college
electronics lab. Unfortunately i think this baby was dropped on its head.
The AC/DC channel input switches are broken and the trigger function switch
is toast as well.. I took the cover off and found that the he PCB of the
trigger circiut was bent and has cracked traces, no doubt absorbing the
shock of the trigger switch hitting the floor at some point in time.

That said , at least one input channel seems to be okay. The trigger circuit
definitely shows signs of life. If I can bypass the broken switch and
solder the traces, it will probably work okay.

I will ask the guy for some money back, I think paid him too much....

Jim

VA3KV

Date: Sat, 23 Mar 2002 13:34:50 -0600
From: "Dale Mason" <dmason@softconnect.net>
To: <mightymik2@attbi.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [123015] Re: tube rigs
Message-ID: <004a01c1d2a1\$ccd540e0\$6901a8c0@SCDOM>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hmmm... also having been literally knocked down a few times (slow learner!)
I find the idea of grabbing 800 volts wearing latex gloves ah, interesting.
You go first!

Dale, KD9LW

> Anyone try wearing latex gloves while 'operating' on a tube rig? Not
> trying
> to instill a false sense of security or anything, but maybe this is
> something that is around now and wasn't then? Anyone know what the
> breakdown voltage of that type of glove is?
>

Date: Sat, 23 Mar 2002 19:44:42 +0000
From: euramcom pages <mel@euramcom.freemove.co.uk>
To: <dmason@softconnect.net>
Cc: <qrp-1@lehigh.edu>
Subject: [123016] Re: tube rigs
Message-ID: <T59d124489dac1785c31cd@pcow058m.blueyonder.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Sat, 23 Mar 2002 13:34:50 -0600, Dale Mason wrote:
>Hmmm... also having been literally knocked down a few times=
> (slow
> learner!)
>I find the idea of grabbing 800 volts wearing latex gloves ah,
>interesting.

>You go first!
>
>Dale, KD9LW
>
>> Anyone try wearing latex gloves while 'operating' on a tube=
rig?
>>Not
>trying
>> to instill a false sense of security or anything, but maybe=
this
is
>> something that is around now and wasn't then? Anyone know what=
the
>> breakdown voltage of that type of glove is?
>>
>
>
>

You can (at least in the UK) get HV gloves which will handle this=
kind of volts and up to 1kV or 1.5kV, but they become so thick at=
that level as to lose all "feel", kind of like wearing three=
pairs of
washing-up gloves at once.

Lines guys for power companies who do "hot-line" working will be=
able
to source these for you, but bear in mind, they are looking to=
handle
a b****y great spanner wearing them, and not the dinky stuff we=
use
at RF levels!

Whilst supervisory authorised up to 400kV myself, I have yet to=
"do
the biz" of placing myself at 400kV on a live wire out of choice,=
I
KNOW, just as you do, that if I am at the same potential as the=
cable, no harm will come to me (GRIN!), but do you have enough=
faith?

"Hold these two wires then"

Regards

Mel

Date: Sat, 23 Mar 2002 14:48:35 -0500
From: "AI2Q Alex" <ai2q@adelphia.net>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Cc: <kevin.k.asato@worldnet.att.net>
Subject: [123017] Airport Security = BS
Message-ID: <000101c1d2a3\$baf67220\$6401a8c0@alex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kevin, what you describe underscores that so-called security at US airports is still a joke, and as such, this is an opportunity period for a terrorist. I think that the stuff we hear about airport security on TV is a ploy to heighten the nation's siege mentality. What's actually happening in terms of poor security is more accurately reflected in this reflector.

The security folks don't usually fully comprehend what they're looking at. That's a big problem, but the government PR guys inside the Beltway want us to feel that everything is under control and A-OK, when in fact we're setting ourselves up for a whack by terrorists. Historically, Osama bin Laden strikes about every 18 months to two years, so gird your loins.

Also, National Guard troopers at the airport aren't going to be worth a hoot when the act is committed. Nor are the cursory checks at entrances to airport parking lots and garages. I carry a toolbox in my car trunk, and it's covered by a beach blanket. When I went to the airport recently, a police officer asked me to pop the trunk, and then peered in there and waved me through---never looking at the huge toolbox bump under the blanket! What a reckless cop. Was he relying on my favorable "profile" when he flagged me through without flipping back the blanket to see what was lurking under it?

Let's face it. The folks in Washington really don't have a clue about how to thwart a would-be terrorist. You could put C4 in your HT battery, and nobody would ever check it. You could rig your notebook PC with a backlight so that it would look like it was booting up, but the enclosure could house mostly explosive material and a detonator.

Air travel is no safer now than before September 11th when the bastards struck. Start complaining to your Congressman!

GL es 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Kevin Asato
Sent: Saturday, March 23, 2002 10:34 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Airport Security and HTs Etc.

I've been through Long Beach (CA), LAX, Minneapolis-St. Paul, Houston (IAH) and San Jose, Costa Rica (SJO) in the past 6 months. Aside from having to empty all my carry-on electronics into a tray in Long Beach, the only item that anyone seems really to take notice in is the computer. I haven't figured out the fixation with this except that it seems that they are "doing" something. I have had an HT or scanner with me on a couple of those trips through the airport with no problem - haven't even had to turn those on.

Seems like the ones getting shaken down now days are the ones with metal pins in their ankles. I work with a couple of them who have their xrays and have had to show their scars after the wands cannot find anything in their pant legs!

Kevin K Asato
KC6POB
ADC Tech Support

----- Original Message -----

From: Jensen, Gary <GJensen@shaklee.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, March 22, 2002 12:30 PM
Subject: OT: Airport Security and HTs Etc.

> I was wondering if anyone has experienced problems getting their HT's or
> other radio equipment through airport security recently.
>
> Gary W6STN
>

Date: Sat, 23 Mar 2002 20:02:50 +0000
From: euramcom pages <mel@euramcom.freemove.co.uk>
To: <qrp-1@lehigh.edu>
Subject: [123018] Hold these two wires. . . .

Message-ID: <T59d134e674ac1785ec0c4@pcow034o.blueyonder.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Sorry gangue,

Just in case this hoary old joke has never crossed the pond, I= ended
my last posting with the phrase -

"Hold these two wires then" to the apprentice/learner

"Feel anything?"

to which the apprentice says

"No!"

"Well don't touch the other two, there's 240 volts going through= them!"

Of course, jolts from mains here at 240 can be a bittie more= thought
provoking than those from 110v as used in parts of the great
continent to the west.

Regards

me1

Date: Sat, 23 Mar 2002 14:25:10 -0600
From: "jerry brown" <jmbrown@edge.net>
To: <qrp-1@Lehigh.EDU>
Subject: [123019] Military tube transmitter T-784A
Message-ID: <001b01c1d2a8\$d5282080\$275115d0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

If anyone happens to get a T-784A up and running,

please let me know.

I've not had a T-784A to T-784A QSO as of yet....

my xtals are 7036 and 7127 mHz.

see xmtr at www.fairradio.com/ground.htm

Jerry N4EO
Columbia, TN 38401

Date: Sat, 23 Mar 2002 15:34:12 -0800
From: "W2WU" <w2wurjj@verizon.net>
To: <mel@euramcom.freemove.co.uk>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [123020] Safety First
Message-ID: <000b01c1d2c3\$65410460\$71c2fea9@w2wu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Members:

Reminds me of an unnamed broadcast station that required "hot" phasor adjustments using lineman's held together by rubber bands. Most gloves are rated at AC/DC voltages, not RF. That reduces the question to gloves suitable for R.F.

Try replacing an A.M. stations remote base current detector with the transmitter at full power. An engineer asked me if he should grab my elbow after I became a 5 KW "dummy load." I dumped the transmitter & had the presence of mind to remind him R.F. travels off points & his probable hard landing.

This is a hobby, yet many die from carelessness. Safety first means Power OFF before connecting meters or 'scope probes. We ain't got nine lives! No SK's needed. 73, Ron, W2WU B.E.

----- Original Message -----

From: euramcom pages <mel@euramcom.freemove.co.uk>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: 23 March, 2002 11:44
Subject: Re: tube rigs

> On Sat, 23 Mar 2002 13:34:50 -0600, Dale Mason wrote:
> >Hmmm... also having been literally knocked down a few times (slow
> >learner!)
> >I find the idea of grabbing 800 volts wearing latex gloves ah,
> >interesting.
> >You go first!
> >
> >Dale, KD9LW
> >
> >> Anyone try wearing latex gloves while 'operating' on a tube rig?
> >>Not
> >trying
> >> to instill a false sense of security or anything, but maybe this
> is
> >> something that is around now and wasn't then? Anyone know what the
> >> breakdown voltage of that type of glove is?
> >>
> >
> >
> >
> >
> You can (at least in the UK) get HV gloves which will handle this
> kind of volts and up to 1kV or 1.5kV, but they become so thick at
> that level as to lose all "feel", kind of like wearing three pairs of
> washing-up gloves at once.
>
> Lines guys for power companies who do "hot-line" working will be able
> to source these for you, but bear in mind, they are looking to handle
> a b****y great spanner wearing them, and not the dinky stuff we use
> at RF levels!
>
> Whilst supervisory authorised up to 400kV myself, I have yet to "do
> the biz" of placing myself at 400kV on a live wire out of choice, I
> *KNOW*, just as you do, that if I am at the same potential as the
> cable, no harm will come to me (GRIN!), but do you have enough faith?
>
> "Hold these two wires then"
>
> Regards
>
> Mel
>

Date: Sat, 23 Mar 2002 12:50:33 -0800
From: "Kory Hamzeh" <kory@avatar.com>
To: <mel@euramcom.freeseve.co.uk>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [123021] RE: Hold these two wires. . . .
Message-ID: <000c01c1d2ac\$604929e0\$14ce21c7@avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> euramcom pages
> Sent: Saturday, March 23, 2002 12:03 PM
> To: Low Power Amateur Radio Discussion
> Subject: Hold these two wires. . . .
>
>
> Of course, jolts from mains here at 240 can be a bittie more thought
> provoking than those from 110v as used in parts of the great
> continent to the west.
>
> Regards
>
> mel
>

When I was about 4 or 5 years old, I touched a 240 v outlet and went flying
across the room. I still can remember it like it was yesterday! :-)

73,
Kory
AC6RN

Date: Sat, 23 Mar 2002 15:09:26 -0600
From: "pschweit" <pschweit@mninter.net>
To: <ai2q@adelphia.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [123022] Re: Airport Security = BS
Message-ID: <000a01c1d2af\$050f8ee0\$77e7add1@pschweit>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

that is even more troubling since there are a few "special" items that are about the relative size of a toolbox.

Philip
KA0PGQ

----- Original Message -----

From: AI2Q Alex <ai2q@adelphia.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Saturday, March 23, 2002 1:48 PM

Subject: Airport Security = BS

>
> Kevin, what you describe underscores that so-called security at US
airports
> is still a joke, and as such, this is an opportunity period for a
terrorist.
> I think that the stuff we hear about airport security on TV is a ploy to
> heighten the nation's siege mentality. What's actually happening in terms
of
> poor security is more accurately reflected in this reflector.
>
> The security folks don't usually fully comprehend what they're looking at.
> That's a big problem, but the government PR guys inside the Beltway want
us
> to feel that everything is under control and A-OK, when in fact we're
> setting ourselves up for a whack by terrorists. Historically, Osama bin
> Laden strikes about every 18 months to two years, so gird your loins.
>
> Also, National Guard troopers at the airport aren't going to be worth a
hoot
> when the act is committed. Nor are the cursory checks at entrances to
> airport parking lots and garages. I carry a toolbox in my car trunk, and
> it's covered by a beach blanket. When I went to the airport recently, a
> police officer asked me to pop the trunk, and then peered in there and
waved
> me through---never looking at the huge toolbox bump under the blanket!
What
> a reckless cop. Was he relying on my favorable "profile" when he flagged
me
> through without flipping back the blanket to see what was lurking under
it?
>

> Let's face it. The folks in Washington really don't have a clue about how
> to
> thwart a would-be terrorist. You could put C4 in your HT battery, and
> nobody
> would ever check it. You could rig your notebook PC with a backlight so
> that
> it would look like it was booting up, but the enclosure could house mostly
> explosive material and a detonator.
>
> Air travel is no safer now than before September 11th when the bastards
> struck. Start complaining to your Congressman!
>
> GL es 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.
>
>
> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Kevin Asato
> Sent: Saturday, March 23, 2002 10:34 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Airport Security and HTs Etc.
>
>
> I've been through Long Beach (CA), LAX, Minneapolis-St. Paul, Houston
> (IAH)
> and San Jose, Costa Rica (SJO) in the past 6 months. Aside from having to
> empty all my carry-on electronics into a tray in Long Beach, the only item
> that anyone seems really to take notice in is the computer. I haven't
> figured out the fixation with this except that it seems that they are
> "doing" something. I have had an HT or scanner with me on a couple of
> those
> trips through the airport with no problem - haven't even had to turn those
> on.
>
> Seems like the ones getting shaken down now days are the ones with metal
> pins in their ankles. I work with a couple of them who have their xrays
> and
> have had to show their scars after the wands cannot find anything in their
> pant legs!
>
> Kevin K Asato
> KC6POB
> ADC Tech Support
>
> ----- Original Message -----
> From: Jensen, Gary <GJensen@shaklee.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: Friday, March 22, 2002 12:30 PM

> Subject: OT: Airport Security and HTs Etc.
>
>
> > I was wondering if anyone has experienced problems getting their HT's or
> > other radio equipment through airport security recently.
> >
> > Gary W6STN
> >
>

Date: Sat, 23 Mar 2002 13:18:31 -0800
From: lhlousek <lhlousek@nvhbell.net>
To: QRP-L list <qrp-l@Lehigh.EDU>,
 elecraft list <elecraft@mailman.qth.net>
Subject: [123023] Airport security.
Message-ID: <001b01c1d2b0\$485fcec0\$650dfea9@nvhbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I've taken at least 20 round trips on commercial airlines since Sep 11 carrying aboard my K1, 14' fishing pole, antennas wires, etc.. Never once did anybody question the ham stuff, even when singled out for random searches... until last Wed.

As my bag was going through the X-ray machine the attendant asked if I had electronic equipment in my bag. I said yes and she call for a hand search of the bag. A woman went through my bag thoroughly (as opposed to the extremely cursory searches on previous trips) although she carefully avoided my underwear and socks. She opened the small camera bag that contained my portable station. I said nothing just to see what would happen. She pulled out the baggie with my RG174 feedline and bead balun, antenna wires, ground wires, lead fishing weights, pushpins, and BNC adapter and studied it for about 10 seconds before calling over a supervisor and asked him what it was. He said, "Looks like wires to me". She briefly poked around in the compartment containing my K1, palm paddles, wall wart, and electrical tape and zipped it backed up. She found the fishing pole in its case and asked me what it was and if she could examine it. I said it's a fishing pole and yes, she could examine it. She slid it half way out of it's case, slid it back in, and that was that.

I've taken two trips to Europe too but the schedules were so demanding that I didn't bother bringing a rig. I did ask the security attendants, both here and in Europe, about bringing ham gear and they acted as if it was a common thing and said that there would be no problem as long as I had a copy of my license. I guess terrorist radio ops don't bother to get licensed (although with current

5 WPM standard I don't see why). Anyway, I have a slightly longer trip to HB land coming up and plan to bring my K1...or maybe my SST.

Lou W7DZN

Date: Sat, 23 Mar 2002 15:18:40 -0600
From: "Ham" <KD5NWA@mbayona.com>
To: <qrp-l@Lehigh.EDU>, <w2wurjj@verizon.net>
Subject: [123024] Re: Safety First
Message-ID: <009d01c1d2b0\$4ea94e00\$373d010a@a000>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I see lot's of email on building tube transmitters using 50c5...etc, in transmitters that run directly of the line, my answer from experience is don't do it, if you are going to use one of those designs install an isolation transformer, those radios that used the line directly were safer because you did not have access to the electrical connections. In case you are thinking that all you have to do is plug the cord correctly, I have owned tree houses, two of them had incorrectly wired plugs somewhere in the house. It's not worth the chance, get a small isolation transformer and put it in the transmitter.

Cecil
KD5NWA

----- Original Message -----
From: "W2WU" <w2wurjj@verizon.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, March 23, 2002 5:34 PM
Subject: Safety First

> Members:
> Reminds me of an unnamed broadcast station that required "hot" phasor
> adjustments using lineman's held together by rubber bands. Most gloves
are
> rated at AC/DC voltages, not RF. That reduces the question to gloves
> suitable for R.F.
>
> Try replacing an A.M. stations remote base current detector with the
> transmitter at full power. An engineer asked me if he should grab my elbow

> after I became a 5 KW "dummy load." I dumped the transmitter & had the
> presence of mind to remind him R.F. travels off points & his probable hard
> landing.
>
> This is a hobby, yet many die from carelessness. Safety first means Power
> OFF before connecting meters or 'scope probes. We ain't got nine lives!
No
> SK's needed. 73, Ron, W2WU B.E.
>
> ----- Original Message -----
> From: euramcom pages <mel@euramcom.freemove.co.uk>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: 23 March, 2002 11:44
> Subject: Re: tube rigs
>
>
> > On Sat, 23 Mar 2002 13:34:50 -0600, Dale Mason wrote:
> > >Hmmm... also having been literally knocked down a few times (slow
> > >learner!)
> > >I find the idea of grabbing 800 volts wearing latex gloves ah,
> > >interesting.
> > >You go first!
> > >
> > >Dale, KD9LW
> > >
> > >> Anyone try wearing latex gloves while 'operating' on a tube rig?
> > >>Not
> > >>trying
> > >> to instill a false sense of security or anything, but maybe this
> > is
> > >> something that is around now and wasn't then? Anyone know what the
> > >> breakdown voltage of that type of glove is?
> > >>
> > >
> > >
> > >
> > >
> > You can (at least in the UK) get HV gloves which will handle this
> > kind of volts and up to 1kV or 1.5kV, but they become so thick at
> > that level as to lose all "feel", kind of like wearing three pairs of
> > washing-up gloves at once.
> >
> > Lines guys for power companies who do "hot-line" working will be able
> > to source these for you, but bear in mind, they are looking to handle
> > a b****y great spanner wearing them, and not the dinky stuff we use
> > at RF levels!
> >
> > Whilst supervisory authorised up to 400kV myself, I have yet to "do

> > the biz" of placing myself at 400kV on a live wire out of choice, I
> > *KNOW*, just as you do, that if I am at the same potential as the
> > cable, no harm will come to me (GRIN!), but do you have enough faith?
> >
> > "Hold these two wires then"
> >
> > Regards
> >
> > Me1
> >
>
>
>

Date: Sat, 23 Mar 2002 14:49:27 -0600
From: "Gordon Couger" <gcouger@provalue.net>
To: <n5nw@n5nw.org>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [123025] Re: Miracle Whip (an indoor antenna that worked well for me)
Message-ID: <049401c1d2b5\$db1f9c40\$27daf0d0@home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I built an 8 foot dipole that stood vertically in the corner with coils on top and used wires that clipped on to the coils and stretched along the ceiling and floor to tune it. I worked in a concrete ground floor apartment on 10, 15, and 20. I never a lot of luck on 40 but it was in the peak of the last cycle and 20 was open any time I was awake so I did make much effort to make it work on 40. longer wires on the floor and ceiling would probably have helped.

A hand full of telescoping tubing and a couple of push pins could make a pretty small package that would fit about anywhere.

It's not a great antenna but it is the best I came up with on the inside of a concrete first floor apartment.

A dipole with no coils fed with twin lead and a BLT tuner might work as well or probably better.

72

Gordon W5RED

From: "Marty N5NW" <n5nw@n5nw.org>

: I've seen the data on the "shootout", but I wonder how sound their
: methodology is in testing. If I interpret correctly, they are examining
: field strength at appx. 240 ft. from the antenna. They used an 8 ft.
: feedline (even though most of the antennas don't use ANY feedline). I
don't
: think adding a feedline will skew the results, but it could. Hams are
only
: now experimenting with antennas that have no feedline -- at least, I
haven't
: seen any in the 15 years I've been a ham. So I'm not sure we really know
: what the effect of various scenarios will be.
:
: I say that without disagreeing with the point that the Miracle Whip is not
: an efficient radiator, because it isn't. Even comparatively speaking
other
: short whips were more efficient, based on the shootout results. But more
: RF doesn't necessarily mean more RF on the receiving end. Seems that
: pattern and takeoff angle might have some impact on how well a particular
: antenna performs, in addition to the field strength.
:
: But I could be wrong ... and often am.
:
: de N5NW/8 (Marty)
: Dayton, OHio
:
:
:

Date: Sat, 23 Mar 2002 17:08:18 -0500
From: Parker Buckley <buckley@iapdatacom.net>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [123026] Re: Delta Quad
Message-ID: <3C9CFCD2.B8CC81DC@iapdatacom.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've had extensive experience struggling to make a 5 band 2 el Gem Quad work, and in the course of that talked to a number of hams using the Lightningbolt quad (not the delta) and they all were very pleased with them. Worked out of the box if set up according to the instructions. In my quest to make an antenna out of the Gem Quad, I ordered a balun/transformer from Lightningbolt. The owner was

very helpful, sold me the part, sent me their directions, etc. Certainly more support than I got from Gem Quad. I think you'll do fine with either Lightningbolt design, probably at anything over 40 feet or so. Good luck.

Parker WD8JOL

ARDUJENSKI@aol.com wrote:

> I am interested in possibly installing a QUAD antenna and was wondering if
> anyone has experience with the Lightningbolt Delta Quad 32MCD/WB 5 band
> model.
> <http://www.lightningboltantennas.com/delta.html>
>
> I am looking for input on quality and operation of antenna and minimum height
> necessary for effective ops
>
> Alan KB7MBI in Woodinville, WA
> FISTS 5702 Proud member of ARRL

Date: Sat, 23 Mar 2002 17:35:22 -0500
From: Paul Stroud <aa4xx@ipass.net>
To: "qrssknights@cmts.be" <qrssknights@cmts.be>
Cc: qrp-l@lehigh.edu
Subject: [123027] Last night's QRSS session summary
Message-ID: <3C9D0329.BC38CBD@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fellow QRSS Knights,

Congratulations to Johan, ON5EX and Ken, N4SO on copying the AA4XX/B 1mW beacon last night. Both Johan and Ken correctly confirmed the codeword STARGATE.

AA4XX/B will be running again this evening, beginning 2300 UTC. Power levels will be changing up and down, so fasten your seatbelt. :-)

Details:

Time Beginning 2300Z Saturday thru 1300Z Sunday
10,140.130 khz
QRSS10 mode
codewords of varying length
Power levels from 100mW - ???

Happy listening es 72, Paul AA4XX nr Raleigh, NC

For more info on QRSS, including links to freeware decoding programs,
take a look at the following site:

<http://www.qsl.net/w0ch/qrss/qrss.htm>

Date: Sat, 23 Mar 2002 17:41:07 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "M.J.Powell" <mike@pickmere.demon.co.uk>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [123028] Re: OT - isolating phantom power
Message-ID: <002501c1d2bc\$0da0a140\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You are correct!! I had brain fade there!

Mike

----- Original Message -----
From: "M.J.Powell" <mike@pickmere.demon.co.uk>
To: <myetsko@insydesw.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, March 23, 2002 6:57 AM
Subject: Re: OT - isolating phantom power

> In message <001101c1d204\$88529460\$0600a8c0@charter.net>, Mike Yetsko
> <myetsko@insydesw.com> writes
> >Just pick your cap so that the impedance of the cap at the highest
> >frequency
> >is a small percentage of the impedance of circuit.
>
> LOWEST! Otherwise you will get severe bass cut.
>
> Mike
> --
> M.J.Powell
>

Date: Sat, 23 Mar 2002 17:49:15 -0500
From: "Mike Branca" <w3irz@att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [123029] Re: tube rigs
Message-ID: <011601c1d2bd\$1597b400\$92ec5b0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It seems to me that a lot of you fellows are so afraid of electricity that you must turn off the main breakers to change the light bulbs in your house. Lets not pass this irrational fear to the younger folks who assume that just because we are older that we are stating such things as facts. Caution is good but lets not get carried away. Actually most of the older tube type equipment can be improved safety wise by adding a 3 wire cord & plug. This will put a ground on the cabinet and drain the transformer leakage and AC noise filter capacitors so that no one will get tingles from touching it.

Years ago it was common to use the neon AC testers by holding one terminal with your fingers and touching the other to the cabinet. If it glowed you inverted the AC plug 180 degrees and checked again. If it still glowed then you put the set directly on the work bench to find out why. There was no shock in touching the neon tester as the current had to go thru the neon tube as well as a 220 K resistor - not much current there.

Actually if you are familiar with working on anything that plugs into the AC line then you will find that working with tubes is no different. Just about every desk top computer power supply has some interesting voltages inside. It starts with a voltage doubler to give 250 - 300 volts into the switcher. You want to be careful if you decide to tinker with them especially as it is not always clear which wires or parts have these high voltages.

Lets be careful and have fun too. Reasonable cautions have been listed in the ARRL handbooks for years so it may be prudent to read up on the subject. Latex gloves are designed to protect against other things and I would not trust my life with them for high voltage as they are much too thin.

Mike Branca W3IRZ in Conyers Georgia

Date: Sat, 23 Mar 2002 18:11:15 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <w3irz@att.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [123030] Re: tube rigs

Message-ID: <008901c1d2c0\$08023240\$d2af2341@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm afraid I'll have to agree with Mike on this one, BUT, I learned about the ac/dc stuff back in the late 30's early 40's as a young man, barely a teenager in '42" and never forgot the "lessons" I learned!!! Isolation transformers were the "standard" for repairing ac/dc stuff and If you remember, nearly all (that I can remember) table radios were in wooden , or later, plastic, cabinets, and therefore you couldn't get a shock from them even if you plugged them in wrong !!! AAHH, memories!!!

carl / kz5ca

----- Original Message -----

From: "Mike Branca" <w3irz@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, March 23, 2002 5:49 PM
Subject: Re: tube rigs

> It seems to me that a lot of you fellows are so afraid of electricity that
> you must turn off the main breakers to change the light bulbs in your
house.
> Lets not pass this irrational fear to the younger folks who assume that
just
> because we are older that we are stating such things as facts. Caution is
> good but lets not get carried away. Actually most of the older tube type
> equipment can be improved safety wise by adding a 3 wire cord & plug.
This
> will put a ground on the cabinet and drain the transformer leakage and AC
> noise filter capacitors so that no one will get tingles from touching it.
>
> Years ago it was common to use the neon AC testers by holding one terminal
> with your fingers and touching the other to the cabinet. If it glowed you
> inverted the AC plug 180 degrees and checked again. If it still glowed
then
> you put the set directly on the work bench to find out why. There was no
> shock in touching the neon tester as the current had to go thru the neon
> tube as well as a 220 K resistor - not much current there.
>
> Actually if you are familiar with working on anything that plugs into the
AC
> line then you will find that working with tubes is no different. Just
about
> every desk top computer power supply has some interesting voltages inside.
> It starts with a voltage doubler to give 250 - 300 volts into the
switcher.

> You want to be careful if you decide to tinker with them especially as it
is
> not always clear which wires or parts have these high voltages.
>
> Lets be careful and have fun too. Reasonable cautions have been listed in
> the ARRL handbooks for years so it may be prudent to read up on the
subject.
> Latex gloves are designed to protect against other things and I would not
> trust my life with them for high voltage as they are much too thin.
>
> Mike Branca W3IRZ in Conyers Georgia
>
>

Date: Sat, 23 Mar 2002 18:17:13 -0500
From: "Mike Branca" <w3irz@att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [123031] Re: Safety First
Message-ID: <012001c1d2c0\$dde34f20\$92ec5b0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Cecil, if I had a house that was not wired correctly then I would fix it
ASAP. Using a 3 wire cord and plug all the mystery and danger is eliminated
with the transformerless designs even if it is wired wrong (except, of
course, if some idiot connected the AC hot wire to the ground screw). The
third wire ground would obviously be connected to the chassis thus providing
the necessary safety ground. An isolation transformer may be a good idea if
your house only used the older 2 circuit receptacles but it would be easier
to simply put the newer, safer 3 wire receptacles in the house where the ham
station is located. It just makes sense and the outlets are less than a
buck each.

Study the circuits using the 3 wire cords and the connections to the 3 wire
AC receptacles and see for yourself. I have been using them for years with
complete safety as have many others.

Mike Branca W3IRZ in Conyers Georgia

Date: Sat, 23 Mar 2002 18:29:42 -0500

From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [123032] Re Safety first and hold the wires :OT
Message-ID: <5.0.2.1.0.20020323175846.00ace4f0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The funniest story I ever heard was from W0CRY (SK). He was a Chief Radioman and in WWII stationed at the training base in S.Dak. They got a new LTJG CO and

Jim was demonstrating the big rack mounted transmitter to him. Jim opened the back of the big rack and propped it open, then proceeded to draw a nice fat arc off the plate cap of the final with a pencil. I can't remember what the tube was but it was a big hefty one.

A couple days later all the trainees were there and the LTJG says "Group around men".

Then he opened the rack and held the door open with his left hand whilst fishing

a pencil out of his pocket and drawing an arc off the plate cap. Jim said it knocked the guy about 20 feet to the other side of the room. The trainees were very impressed. :-)

Jim (Fowley) W0CRY was a big hefty guy and used to turn red with his big stomach

jumping up and down when he told the story. Whenever he wanted to hold a shop meeting he would holler "Group around men" and things got started with good humor.

73 to all :-)

Pete NV4V

End of QRP-L Digest 2503

